STEREO CASSETTE RECEIVER

KRC-530

SERVICE MANUAL

KENWOOD

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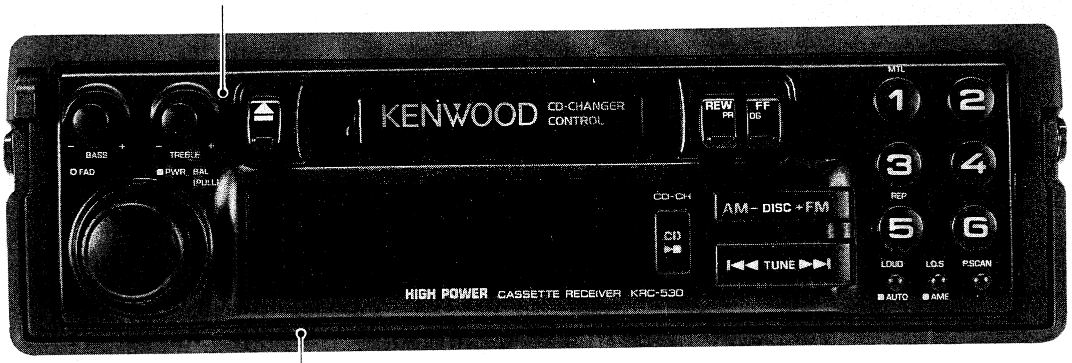
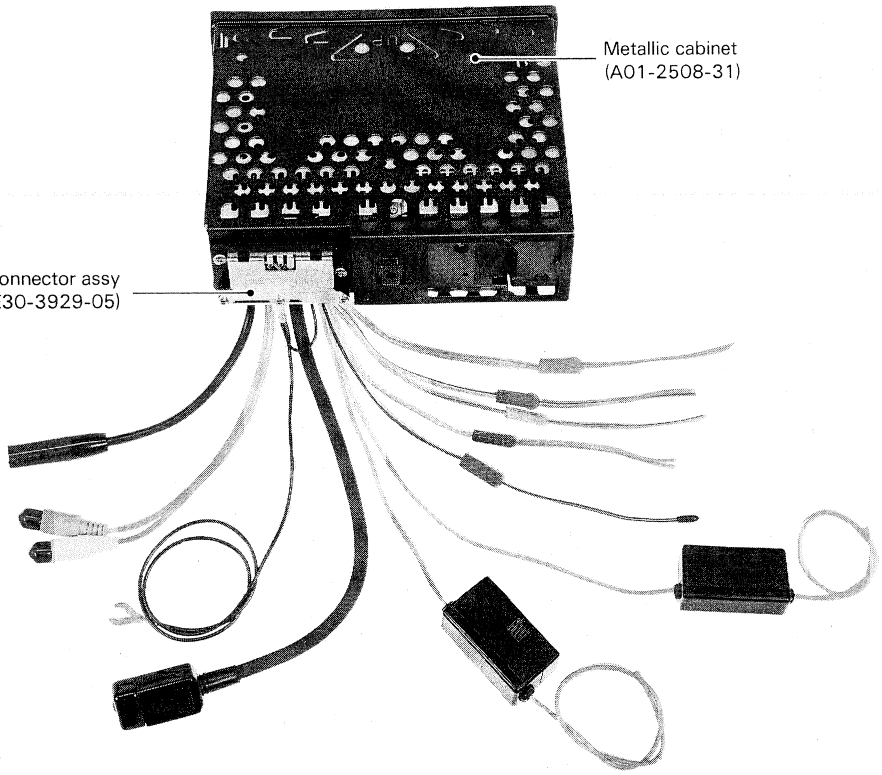
B51-6284-00(B)2128


KENWOOD
CD-CHANGER CONTROL
REW
FF
BASS
TREBLE
FAD
PWR BAL (PULL)
CD-CH
AM - DISC + FM
TUNE
HIGH POWER CASSETTE RECEIVER KRC-530
LOUD
LO.S
P.SCAN
AUTO
AME
REP
MTL

Panel assy
(A20-7612-02)

Escutcheon assy
(B07-2014-32)



Metallic cabinet
(A01-2508-31)

Connector assy
(E30-3929-05)

• Channel space selection

Of this unit, the channel space is selectable between FM 200 kHz/AM 10 kHz and FM 50 kHz/AM 9 kHz owing to the following operation:

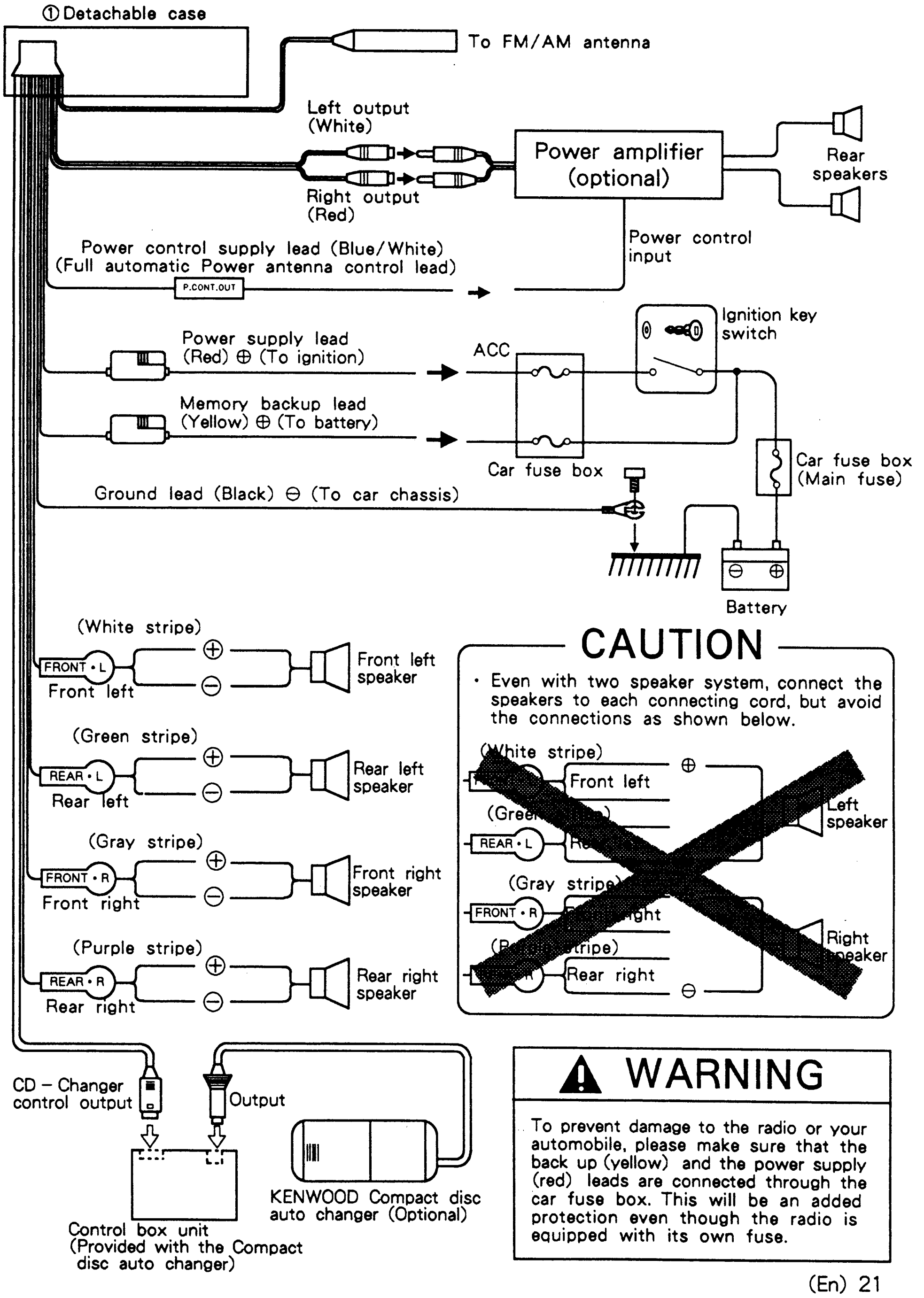
While pressing preset station switches ❶ and ❺ at the same time, set the power switch to ON.

KRC-530

CONTENTS

CONNECTIONS 2
DISASSEMBLY FOR REPAIR 3
BLOCK DIAGRAM 4
CIRCUIT DESCRIPTION 5
MECHANISM DESCRIPTION 14
ADJUSTMENT 21
PACKING 24
PC BOARD 25
SCHEMATIC DIAGRAM 31
EXPLODED VIEW (MECHANISM) 39
EXPLODED VIEW (UNIT) 40
PARTS LIST 41
SPECIFICATIONS .... BACK COVER

CONNECTIONS



① Detachable case
To FM/AM antenna
Left output (White)
Right output (Red)
Power amplifier (optional)
Rear speakers
Power control input
Power control supply lead (Blue/White) (Full automatic Power antenna control lead)
P.CONT.OUT
Power supply lead (Red) ⊕ (To ignition)
ACC
Ignition key switch
Memory backup lead (Yellow) ⊕ (To battery)
Car fuse box
Car fuse box (Main fuse)
Ground lead (Black) ⊖ (To car chassis)
Battery
⊖ ⊕
(White stripe)
FRONT • L
Front left
⊕
⊖
Front left speaker
(Green stripe)
REAR • L
Rear left
Rear left speaker
(Gray stripe)
FRONT • R
Front right
Front right speaker
(Purple stripe)
REAR • R
Rear right
Rear right speaker
CD – Changer control output
Output
Control box unit (Provided with the Compact disc auto changer)
KENWOOD Compact disc auto changer (Optional)
(White stripe)
Front left
(Green stripe)
REAR • L
Left speaker
(Gray stripe)
FRONT • R
Right speaker
(Purple stripe)
Rear right

CAUTION

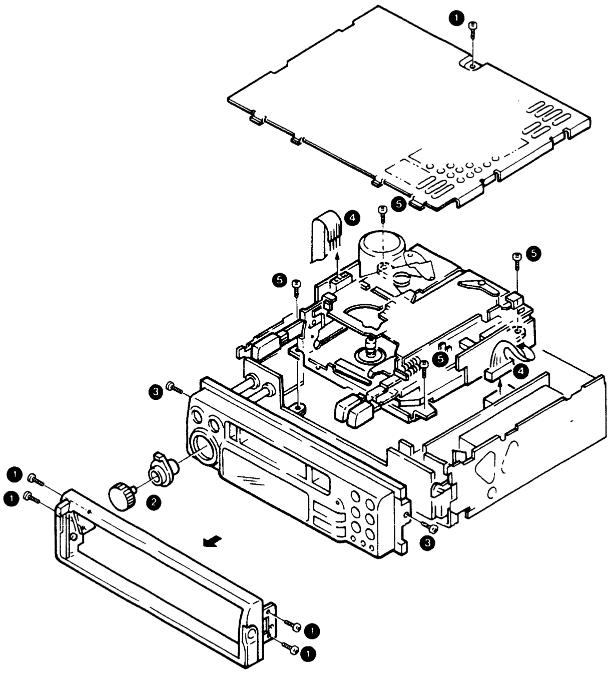
- Even with two speaker system, connect the speakers to each connecting cord, but avoid the connections as shown below.

⚠ WARNING

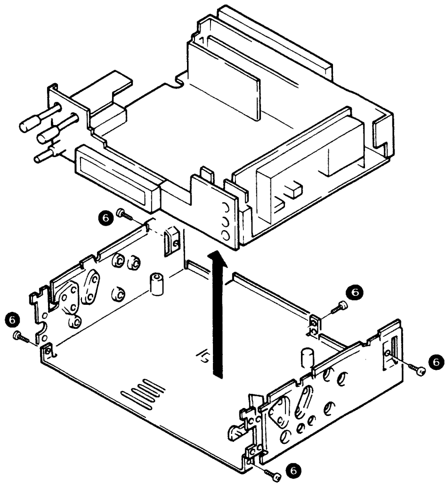
To prevent damage to the radio or your automobile, please make sure that the back up (yellow) and the power supply (red) leads are connected through the car fuse box. This will be an added protection even though the radio is equipped with its own fuse.

DISASSEMBLY FOR REPAIR

1. Remove the 5 screws (❶), then remove the top panel and the escutcheon ass'y.
2. Pull out the VOL and FAD control knobs (❷).
3. Remove the 2 screws (❸), and take out the panel ass'y.
4. Disconnect the 2 connectors (❹).
5. Remove the 4 screws (❺), and take out the mechanism ass'y.

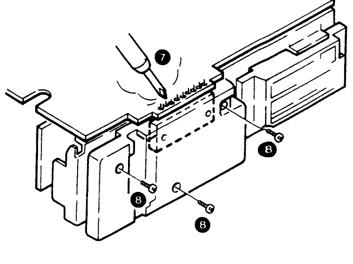


6. Remove the 6 screws (❻), and take out the whole of the circuit board.

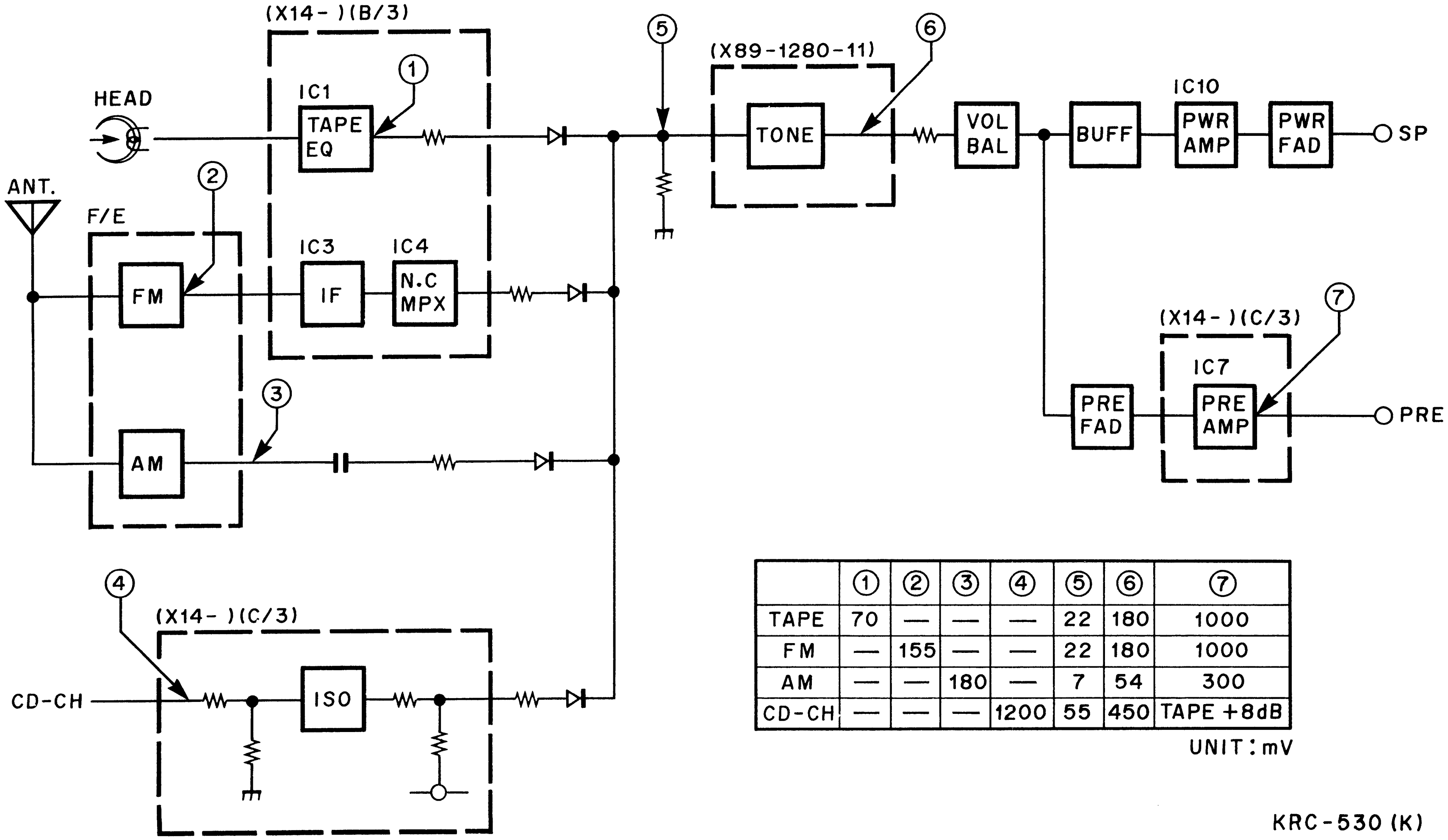


To remove the power ass'y:

7. Remove solder from the power IC (❼).
8. Remove the 3 screws (❽).
9. Take out the power IC together with the heat-sink, then separate the power IC from the heat-sink.



BLOCK DIAGRAM


HEAD
ANT.
F/E
FM
AM
(X14-)(B/3)
IC1
TAPE EQ
IC3
IF
IC4
N.C MPX
CD-CH
(X14-)(C/3)
ISO
①
②
③
④
⑤
⑥
⑦
(X89-1280-11)
TONE
VOL BAL
BUFF
IC10
PWR AMP
PWR FAD
SP
PRE FAD
(X14-)(C/3)
IC7
PRE AMP
PRE

	①	②	③	④	⑤	⑥	⑦
TAPE	70	—	—	—	22	180	1000
FM	—	155	—	—	22	180	1000
AM	—	—	180	—	7	54	300
CD-CH	—	—	—	1200	55	450	TAPE +8dB

UNIT: mV

KRC-530 (K)

CIRCUIT DESCRIPTION

Terminal descriptions

SYNTHESIZER UNIT (X14-316X-XX)

Ref. No.	Components	Use/Function	Operation/Condition/Compatibility
IC1	BA3424F	TAPE EQ AMP	
IC3	LA1140-K	FM IF AMP	FM IF signal amp.
IC4	AN7465K	FM MPX N.C	Demodulator, noise canceler.
IC5	M5280FP	ISOLATION AMP	CD-CH and AUX (J type) isolation amp.
IC6	NJM4565MD	1/2 V_{CC} BUFF	Buffers the voltage generated by Zener D and resistance division, and supplies voltage as 1/2 V_{CC} for the tone amp and preamp.
IC7	NTM4565MD	PRE AMP	
IC10	TA8215H	PWR AMP	
IC11	BA3906-V1	AVR	Supplies of V_{DD}, CE, COM 9V, FM 9V and AM 9V. MUTE output.
IC12	1723GF-553-3BE	μ-COM	Key control, other controls, PLL, LCD drive.
IC13	TC4081BF	AND Gate	For use with μ-COM key matrix (alternate SW).
Q3	2SC2413K	FM IF AMP	Amplifies IF signal from F/E.
Q4	2SC2412K	SD BUFF	
Q5	2SC2412K	CRSC Driver	
Q6	2SC2412K	ANRC BUFF	
Q7	DTC144EK	AFC SW	OFF during seek, ON during receive.
Q10, 11	DTC144EK	FM/AM SIG. INHIBITOR	
Q12	DTC144EK	SIG. SW	ON in CD-CH and AUX modes.
Q13, 14	DTC144EK	EXT. INPUT SIG. INH.	
Q17, 18	2SD1757K	LOUD CON SW	
Q19, 20	2SD1757K	AUDIO MUTE	
Q21, 22	2SK433	PWR AMP INPUT BUFF	
Q23	DTC144EK	PWR AMP STBY SW	
Q24	DTC144EK	FM LO/DX SW	
Q27	DTA144EK	AM AGC CUT SW	
Q29	DTC144EK	SD INV.	
Q30~32	2SC2412K		
Q34	DTA114EK	PWR ON 5V SW	
Q35	DTC114EK		
Q36	DTA144EK	ACC DETECT	
Q37	2SB1370	ILLUMINATION AVR	10.4 V (Darlington)
Q38	2SC2412K		
Q39	DTA144EK	MANUAL RST	
Q40, 41	DTC144EK	LOCAL INH.	

CIRCUIT DESCRIPTION

Ref. No.	Components	Use/Function	Operation/Condition/Compatibility
Q42	DTC144EK	TAPE MUTE INH.	
Q43	DTC144EK	PACK IN INV.	
Q44	DTC144EK	AUDIO MUTE INV.	
Q46	2SA1037K	Audio Mute Driver	ON in MUTE mode to drive Q19 and Q20.
Q47	2SA1037K	LOUD SW Driver	ON in LOUD mode to drive A17 and Q18.
Q49	DTC144EK	Mute SW	
Q51~53	2SC2412K	PLL L.P.F	FM/AM Vt LPF.
Q54	2SC2412K	MECHANISM MUTE SW	MUTE in FF, REW and PROG modes.
Q55	DTA144EK		
Q56	DTC144EK	MOTOR Drive SW	
Q57	2SA1428 (O, Y)	MOTOR Driver	

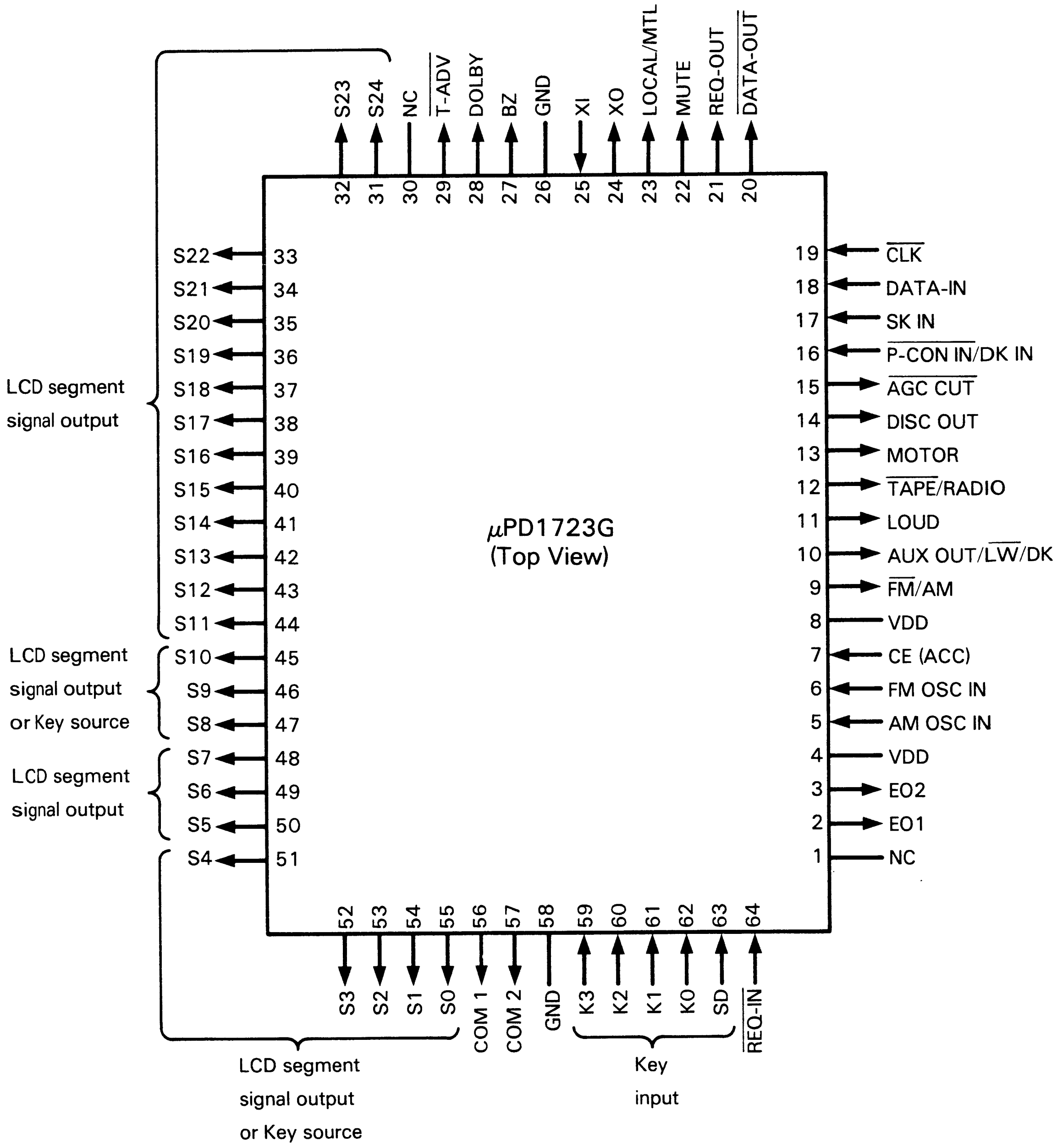
DAUGHTER UNIT (X89-128X-XX)

Ref. No.	Components	Use/Function	Operation/Condition/Compatibility
IC1	TC74HC04AF	CD-CH I/O	Buffer for data communications with I/O box in CD-CH mode.
IC2	NJM4565L-D	TONE CONTROL AMP	
Q1, 2	DTC144EK	TAPE SIG. INH.	Signal inhibition and MUTE output in Tuner and CD-CH modes.
Q3	DTC144EK	ACC DETECT	Outputs early MUTE when ACC is lowered or during manual reset. Performs early grounding of μ-COM CE pin when ACC is switched OFF.
Q4~6	2SC2412K		
Q7	DTC114EK		
Q11	DTC144EK	CD-CH REQ IN BUFF.	
Q12	2SC2412K	CD-CH CD CON BUFF.	
Q13	DTC144EK	CD-CH REQ IN BUFF.	
Q14	2SA1037K	CD-CH REQ IN CONTROL	When ACC is ON, recognizes whether CD-CH is connected or not, and outputs signal to μ-COM.

CIRCUIT DESCRIPTION

1723GF-554-3BE (IC12: X14-316X-XX)
Microprocessor IC

Terminal Connections


μPD1723G
(Top View)
1 NC
2 EO1
3 EO2
4 VDD
5 AM OSC IN
6 FM OSC IN
7 CE (ACC)
8 VDD
9 FM/AM
10 AUX OUT/LW/DK
11 LOUD
12 TAPE/RADIO
13 MOTOR
14 DISC OUT
15 AGC CUT
16 P-CON IN/DK IN
17 SK IN
18 DATA-IN
19 CLK
20 DATA-OUT
21 REQ-OUT
22 MUTE
23 LOCAL/MTL
24 XO
25 XI
26 GND
27 BZ
28 DOLBY
29 T-ADV
30 NC
31 S24
32 S23
33 S22
34 S21
35 S20
36 S19
37 S18
38 S17
39 S16
40 S15
41 S14
42 S13
43 S12
44 S11
45 S10
46 S9
47 S8
48 S7
49 S6
50 S5
51 S4
52 S3
53 S2
54 S1
55 S0
56 COM 1
57 COM 2
58 GND
59 K3
60 K2
61 K1
62 K0
63 SD
64 REQ-IN
LCD segment signal output
LCD segment signal output or Key source
LCD segment signal output
LCD segment signal output or Key source
Key input

CIRCUIT DESCRIPTION

Terminal descriptions

Pin No.	Pin Name	I/O	Function Name	Operation
1	NC		NC	
2	EO1	O	EO1	PLL error output terminals. If the frequency obtained by dividing the local oscillation frequency (VCO output) is higher than the reference frequency, these terminals output "H" level. If not, they outpt "L" level.
3	EO2	O	EO2	
4	V_{DD}		V_{DD}	Power input teminal.
5	V COL	I	AM OSC IN	Inputs VCO output from 0.50 to 30 MHz.
6	V COH	I	FM OSC IN	Inputs VCO output from 15 to 200 MHz.
7	CE	I	CE (ACC)	"H" level when it is required that the device operate normally. "L" level when the device is not used.
8	V_{DD}		V_{DD}	Power input terminal.
9	PD1	O	$\overline{\text{FM}}$/AM	FM/AM switching port. Outputs "H" during AM reception. Outputs "L" during FM reception. Fixed at "H" in TAPE, CD and AUX (J type) modes, and "L" while SDK (SDK type) is ON. During tuner call, the output varies depending on the band.
10	PD2	O	$\overline{\text{LW}}$/DK	(E type) Outputs "L" during LW reception. Also outputs "L" during LW reception in course of tuner call. Outputs "H" in other cases.
			AUX OUT	(J type) Audio signal switching output port. Outputs "H" in CD-CH and AUX modes.
11	PD3	O	LOUD	Loudness control ON/OFF output terminal Switched to "H" or "L" when AUTO/LOUD key has been pressed for 2 sec. "H" → LOUD ON.
12	PC0	O	$\overline{\text{TAPE}}$/RADIO	TAPE audio switching port. Outputs "H" in CD-CH and AUX modes.
13	PC1	O	MOTOR	Cassette mechanism motor ON/OFF control port. Outputs "H" while $\overline{\text{TAPE IN}}$ key is OFF. Outputs "L" in AUX, CD-CH and DK interrupt (SDK type) modes.
14	PC2	O	DISC OUT	Outputs "H" when operating CD changer. Outputs "L" during DK interrupt (SDK type).
15	PC3	O	$\overline{\text{AGC CUT}}$	Normally, outputs "L" while CE is "H". Outputs "H" in AUX mode.
16	PA0	I	DK IN	(SDK type) Input port for DK detection. Inputs "H" when DK signal is present.
			P-CON IN	(J-type) Input port for AUX input detection. "L" in AUX mode and "H" in other cases.
17	PA1	I	SK IN	(SDK type) Input port for SK detection. Inputs "H" when SK signal is present.
18	PA2	I	DATA-IN	Input terminal of DATA from CD-CH.
19	PA3	I	$\overline{\text{CLK}}$	Input terminal of CLK from CD-CH.
20	PB0	O	$\overline{\text{DATA-OUT}}$	Output terminal of DATA to CD-CH.
21	PB1	O	REQ-OUT	Output terminal for requests to CD-CH.
22	PB2	O	MUTE	MUTE output terminal, which outputs "H" in MUTE period. MUTE is not output while CE is "L". If CE turns from "H" to "L" during MUTE output, MUTE also turns from "H" to "L".
23	PB3	O	LOCAL/MTL	LOCAL control output port in Tuner mode. Active "H". In TAPE mode, used as the METAL control output terminal which outputs "H" when METAL is ON.
24	XO	O	XO	X'tal connection terminals.
25	XI	I	XI	
26	GND		GND	
27	CGP	O	BZ	Beep sound pulse output port. Outputs 2.0 kHz pulse for 60 ms.
28	PL3	O	DOLBY	Dolby control output terminal. Outputs "H" when Dolby is ON.
29	PL2	O	$\overline{\text{T-ADV}}$	T-ADV control output terminal. Outputs "L" only when T-ADV and alternate SW FF/REW are ON in TAPE mode.
30	LCD25	O	NC	Segment output terminals.
31	LCD24	O	S24	
44	LCD11		S11	

CIRCUIT DESCRIPTION

Pin No.	Pin Name	I/O	Function Name	Operation
45 47	LCD10/KS10 LCD8/KS8	O	S10 S8	Segment output and key source terminals.
48 50	LCD7 LCD5	O	S7 S5	Segment output terminals.
51 55	LCD4/KS4 LCD0/KS0	O	S4 S0	Segment output and key source terminals.
56	COM1	O	COM1	Common output terminals.
57	COM2	O	COM2	
58	GND		GND	
59 62	K3 K0	I	K3 K0	Key input terminals.
63	AD	I	SD	Station detection input terminal. Inputs "H" when a station is detected.
64	$\overline{\text{INT}}$	I	$\overline{\text{REQ-IN}}$	Input terminal for requests from CD-CH.

CIRCUIT DESCRIPTION

Key Matrix

☐ Momentary key ◤ Alternate key ◸ Initial-setting diode switch

(E type)

	K0 (No. 62)	K1 (No. 61)	K2 (No. 60)	K3 (No. 59)
KS0 (No. 55)	DISC	SDK P-SEEK	DOWN/TRACK ⊖	UP/TRACK ⊕
KS1 (No. 54)	AUTO/LOUD	LOCAL/AME	AM/DISC ⊖	FM/DISC ⊕
KS2 (No. 53)				
KS3 (No. 52)	1/MTL	2/T-ADV ($\overline{\text{TU-CALL}}$)	3/DOLBY	4
KS4 (No. 51)	5/REP	6/SKS		
KS8 (No. 47)	◤ $\overline{\text{TAPE IN}}$	◤ FWD/$\overline{\text{REV}}$	◤ FF/REW	◤ $\overline{\text{ST}}$
KS9 (No. 46)				
KS10 (No. 45)	◸ BAND A			

(J, K type)

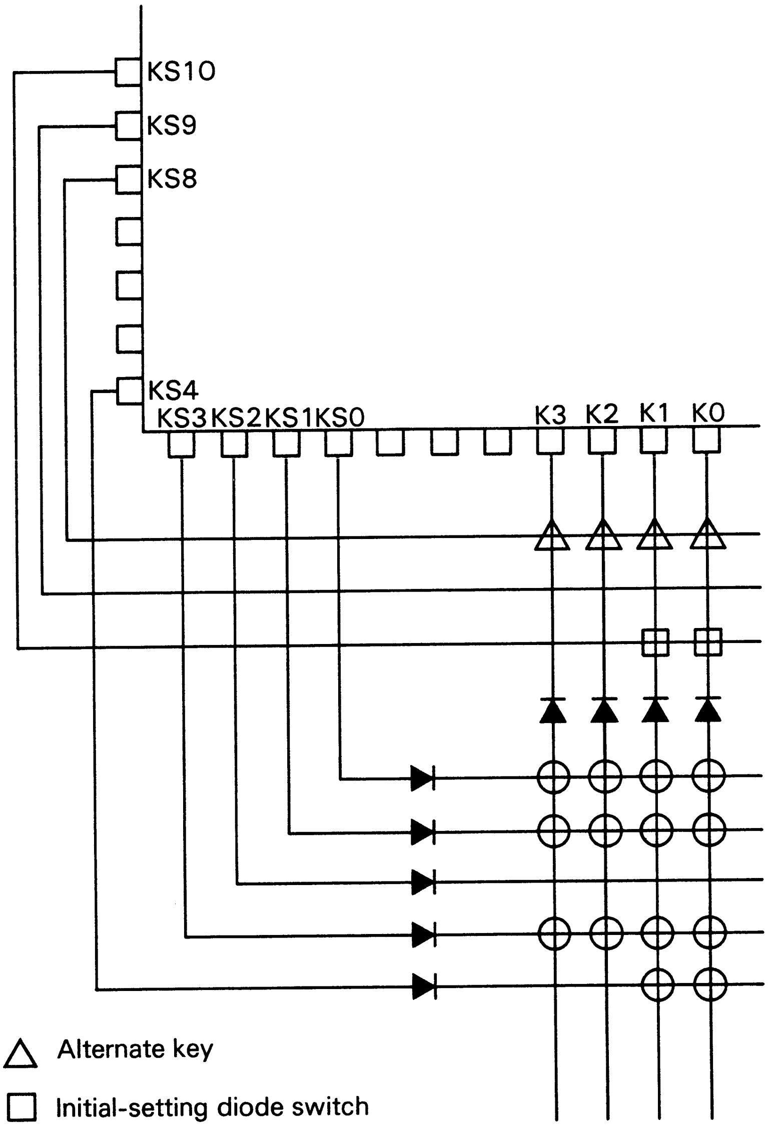
	K0 (No. 62)	K1 (No. 61)	K2 (No. 60)	K3 (No. 59)
KS0 (No. 55)	DISC	CLK P-SCAN	DOWN/TRACK ⊖	UP/TRACK ⊕
KS1 (No. 54)	AUTO/LOUD	LOCAL/AME	AM/DISC ⊖	FM/DISC ⊕
KS2 (No. 53)				
KS3 (No. 52)	1/MTL	2/T-ADV ($\overline{\text{TU-CALL}}$)*1	3/DOLBY*2	4
KS4 (No. 51)	5/REP	6		
KS8 (No. 47)	◤ $\overline{\text{TAPE IN}}$	◤ FWD/$\overline{\text{REV}}$	◤ FF/REW	◤ $\overline{\text{ST}}$
KS9 (No. 46)				
KS10 (No. 45)	◸ BAND A	◸ BAND B		

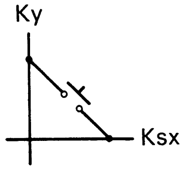
*1: J type → 2/T-ADV, K type (KRC-530) → 2

*2: K type (KRC-530) → 3

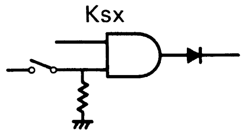
CIRCUIT DESCRIPTION

Key matrix configuration and model

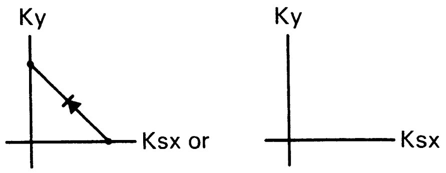

KS10
KS9
KS8
KS4
KS3
KS2
KS1
KS0
K3
K2
K1
K0
△ Alternate key
□ Initial-setting diode switch
○ Momentary key



Momentary key



Alternate key

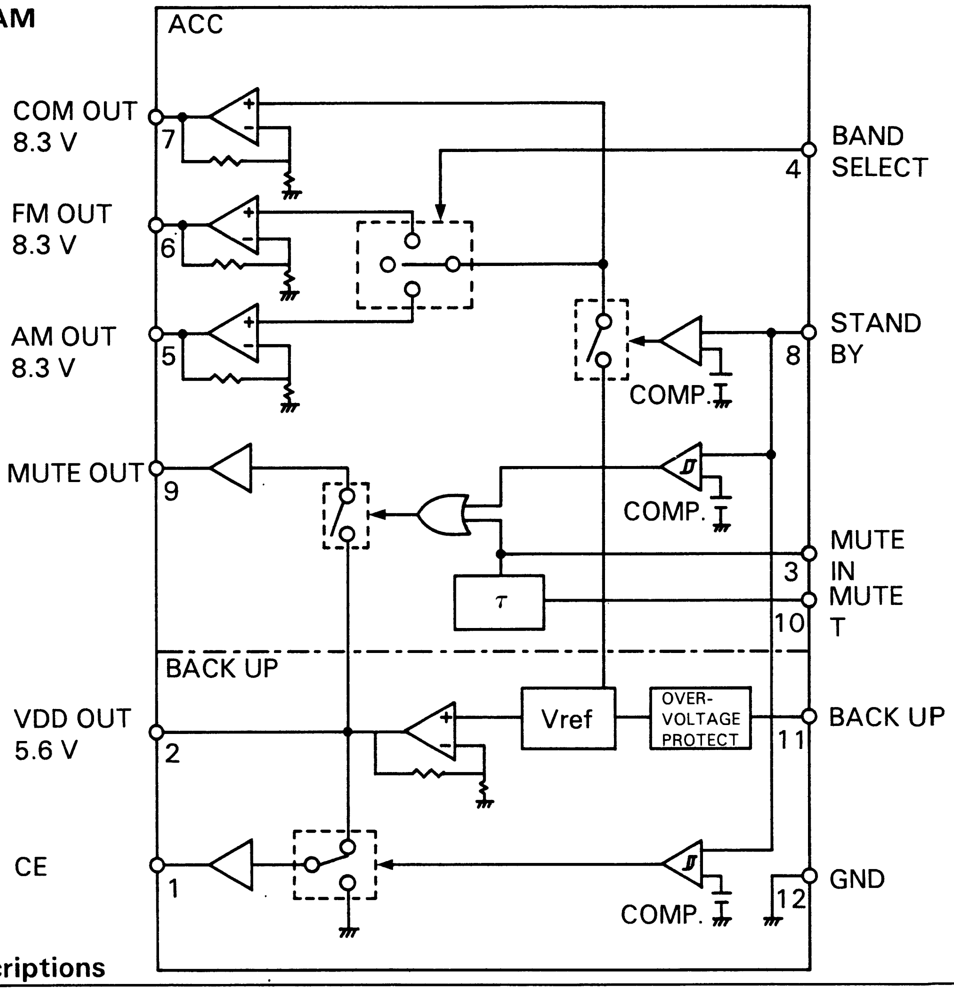

Ky
Ksx or
Ky
Ksx

Initial-setting diode switch

CIRCUIT DESCRIPTION

BA3906-V1 (IC12: X14-316X-XX)
Power Supply IC

BLOCK DIAGRAM

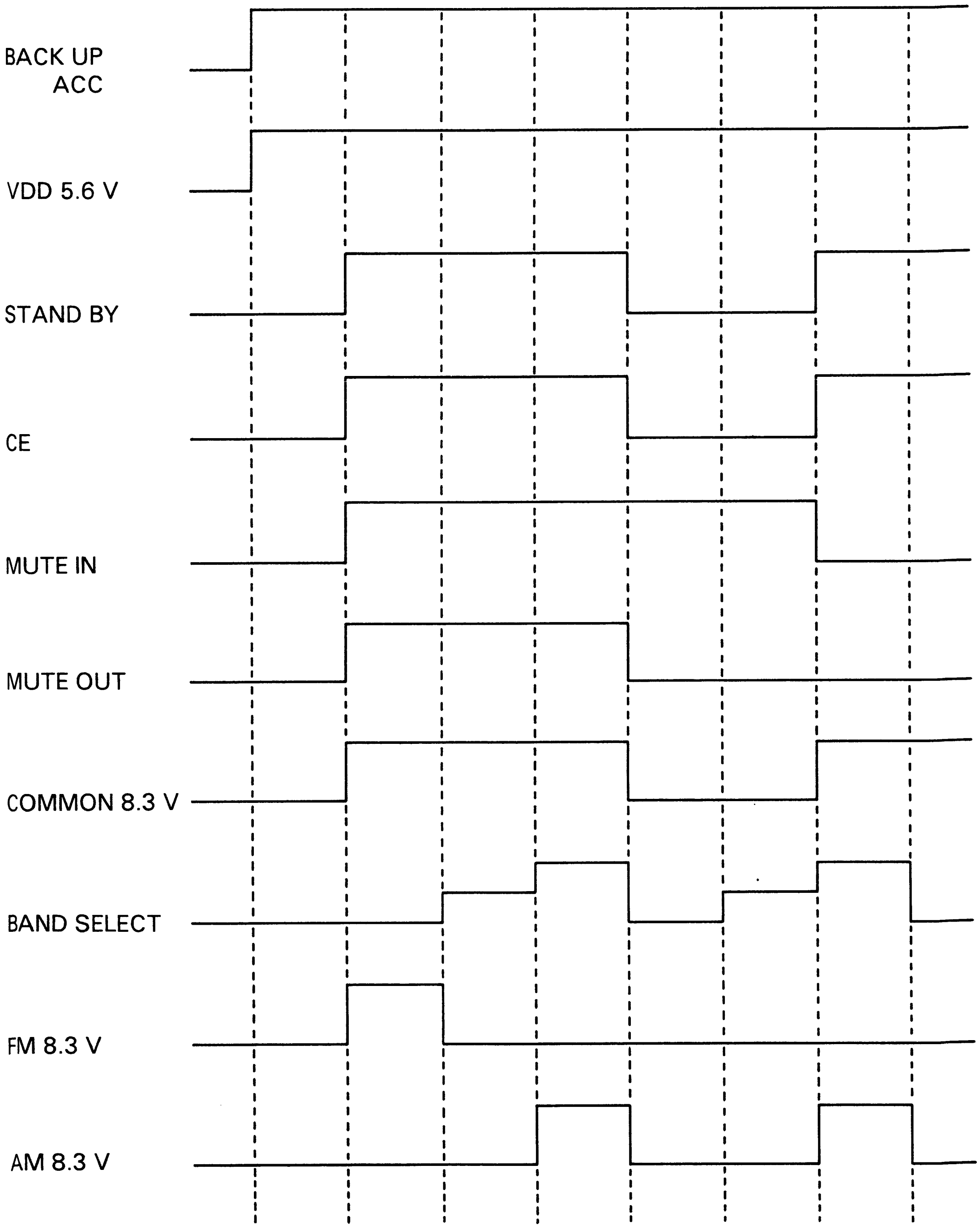

ACC
COM OUT 8.3 V
7
FM OUT 8.3 V
6
AM OUT 8.3 V
5
MUTE OUT
9
BAND SELECT
4
STAND BY
8
COMP.
COMP.
MUTE IN
3
MUTE T
10
τ
BACK UP
VDD OUT 5.6 V
2
Vref
OVER-VOLTAGE PROTECT
BACK UP
11
CE
1
COMP.
GND
12

Terminal descriptions

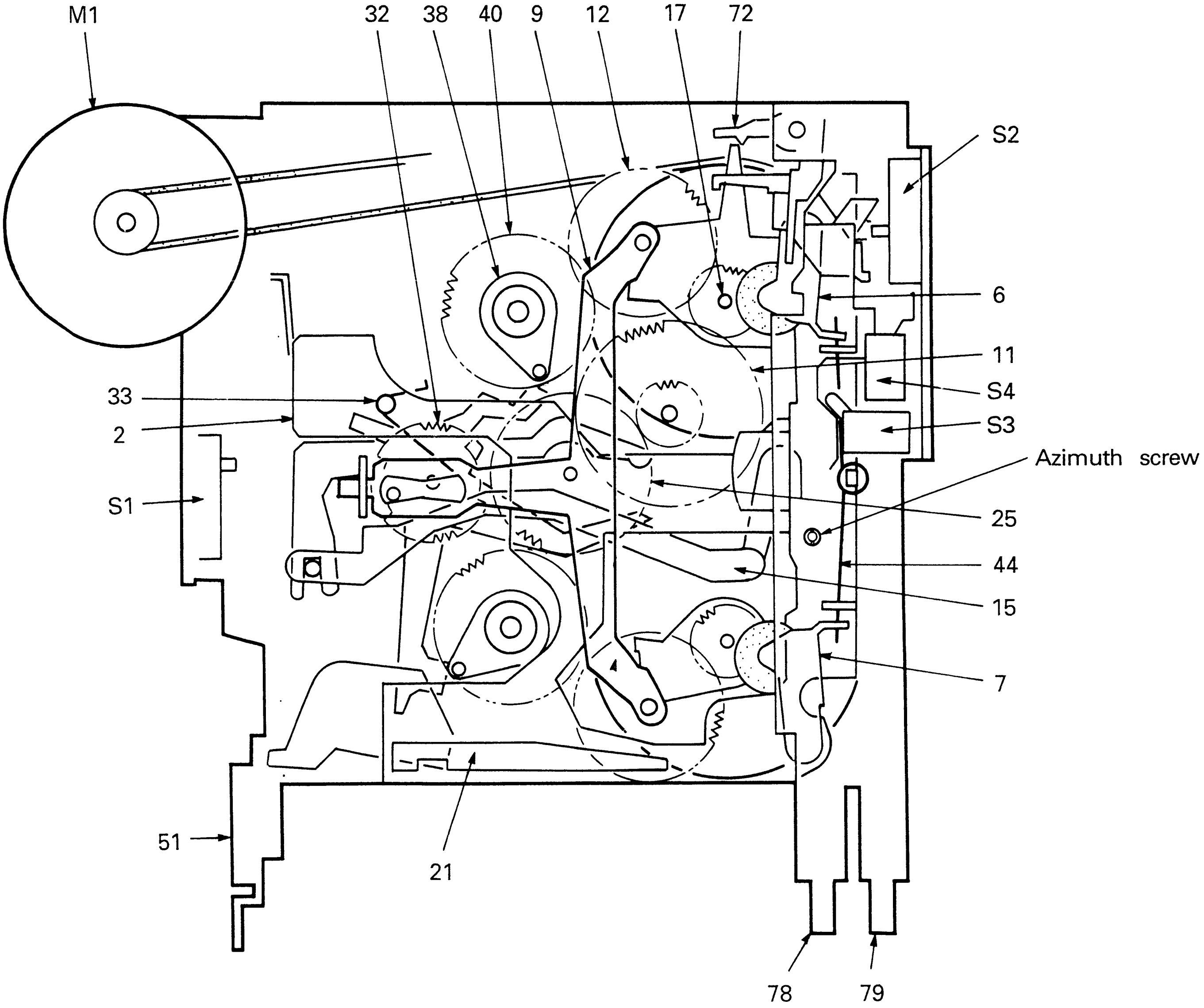
1	CE	Outputs 0.82 × V_{PP} or more when the µ-COM is to be operated normally, and outputs 0 V when it is not used. Holds 0 V even during stand-by.
2	V_{DD}	5.6 V power supply with 60 mA max. output current. For use with µ-COM. Permanently outputs voltage provided that the backup power is connected.
3	MUTE IN	Input terminal for MUTE from µ-COM or other external sources.
4	BAND SELECT	AM/FM output selection input with 3-state input. 8.3 V power supply with 145 mA max. output current. For use in AM reception.
5	AM OUT	Outputs power when "H" is input to BAND SELECT terminal.
6	FM OUT	8.3 V power supply with 250 mA max. output current. For use in FM reception. Outputs power when "L" is input to BAND SELECT terminals.
7	COM OUT	8.3 V power supply with 125 mA max. output current. For use in tone control. The power can be used as the system common power for the volume/balance control, for the equalizer, in the cassette tape deck, and for the varicap in the electronic tuner. Power is output when STANDBY terminal is 6.5 V or more, regardless of the BAND SELECT terminal position.
8	STAND BY	0 V for stand-by mode, in which signal is output only from V_{DD} terminal. The voltage at this terminal determines CE output and MUTE OUT output as well as AM OUT, FM OUT and COM OUT outputs.
9	MUTE OUT	MUTE transistor driver.
10	MUTE	Time constant terminal for MUTE IN.
11	BACK UP	Connected to backup power and ACC power of the vehicle.
12	GND	Input/output timing chart Ground.

CIRCUIT DESCRIPTION

Input/Output timing chart 102



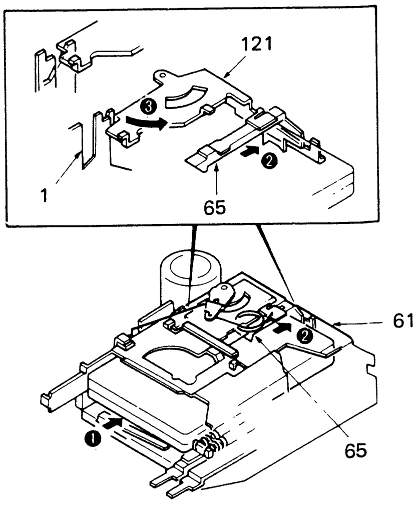
MECHANISM OPERATION DESCRIPTION


M1
32
38
40
9
12
17
72
S2
6
11
S4
S3
Azimuth screw
25
44
15
7
33
2
S1
51
21
78
79

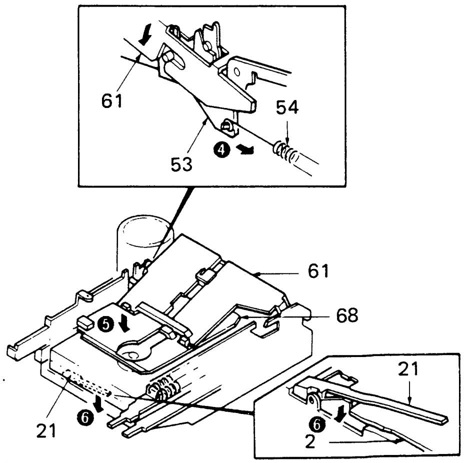
MECHANISM OPERATION DESCRIPTION

LOADING/PLAY

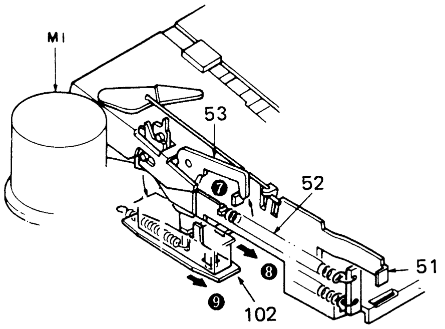
1. Insert a cassette tape (❶).
2. The cassette guide (65) pushes to lever (reverse [121]) (❷).
3. The lever (reverse [121]) turns in the direction of the arrow and releases the lock of the holder (action plate [61]) (❸).



4. Through the lock release of the lever (reverse [121]), the arm (action [53]) is pulled by the tension spring (54), which turns the holder (action plate [61]). The holder (action plate) descends (❹).
5. Through the descent of the holder (action plate [61]), the holder (cassette case [68]) also descends (❺).
6. As the holder (cassette case [68]) descends, the cassette tape pushes the lever (lock plate [21]). The lever (lock plate [21]) then releases the lock of the lever assembly (head plate [2]) (❻).

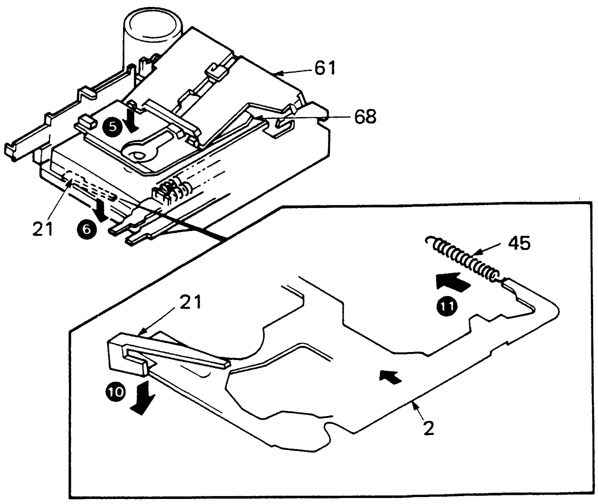


7. As the arm (action [53]) turns, the lock of the lever assembly (eject [51]) is released (❼).
8. The lever assembly (eject [51]) is pulled by the tension spring (52) and moves forward (❽).
9. Through the movement of the lever assembly (eject [51]), the lever (102) also moves forward and turns on the slide switch S1. As the slide switch S1 is turned on, electricity is supplied to the motor assembly (M1) (❾).

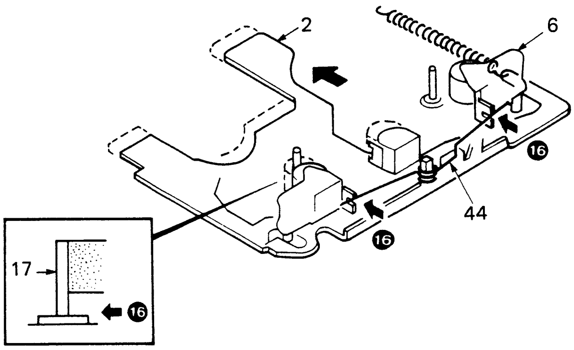


MECHANISM OPERATION DESCRIPTION

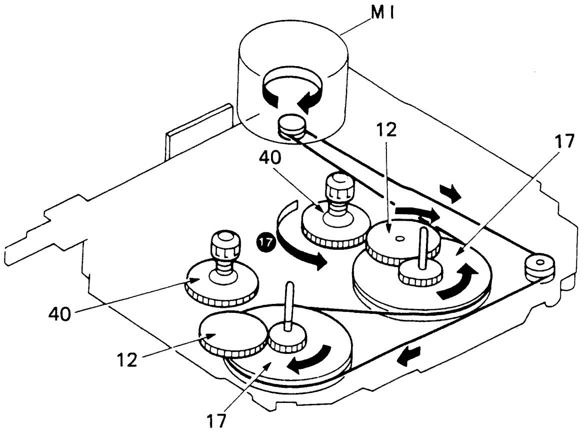
10. As the holder (cassette case [68]) descends, the cassette tape pushes the lever (lock plate [21]) then releases the lock of the lever assembly (head plate [2]) (⑩).
11. The lever assembly (head plate [2]) is pulled by the tension spring (45) and moves forward (⑪).



12. Through the forward movement of the lever assembly (head plate [2]), pinch roller assembly (6) make close contact with the shaft of the flywheel (17) through the formed wire spring (44) (⑯).



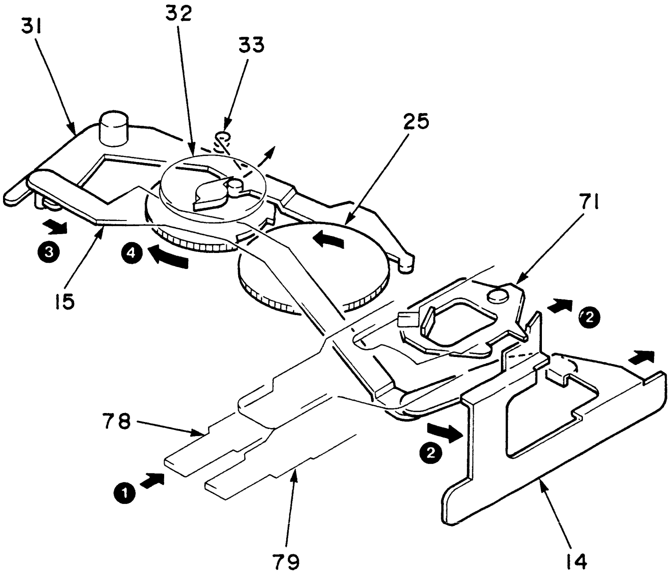
13. The rotation is transmitted from each gear (17-12) to the reel base (40) of the take-up side (⑰).



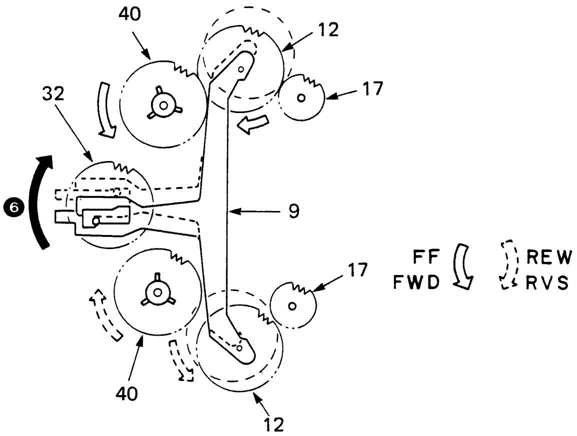
MECHANISM OPERATION DESCRIPTION

PROGRAM

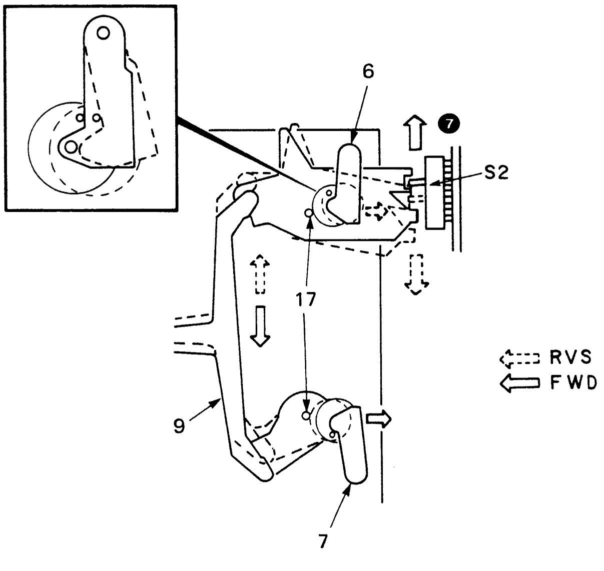
1. Push the FF and REW levers simultaneously (①).
2. The arm assembly (15) moves toward the right (②).
3. The lever (31) is pulled (③), and the changeover gear (32) is unlocked.
4. The changeover gear is pushed by the torsion spring (33), and engaged with the cam gear (25) (④).
5. The changeover gear (32) is rotated by a half turn and locked with the lever (31) again.


31
32
33
25
71
③
④
15
②
78
②
①
79
14

6. The movement of the boss of the changeover gear (32) moves the changeover arm (9) (⑥).


40
12
17
32
⑥
9
17
FF
FWD
REW
RVS
40
12

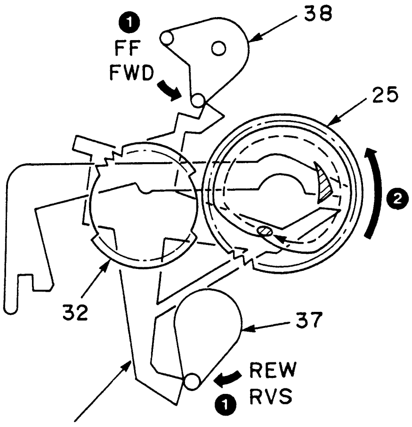
7. When the changeover arm (9) moves, the drive direction of the reel base (40), head switch (S2) and pinch roller is switched between FWD and RVS (⑦).


6
⑦
S2
17
RVS
FWD
9
7

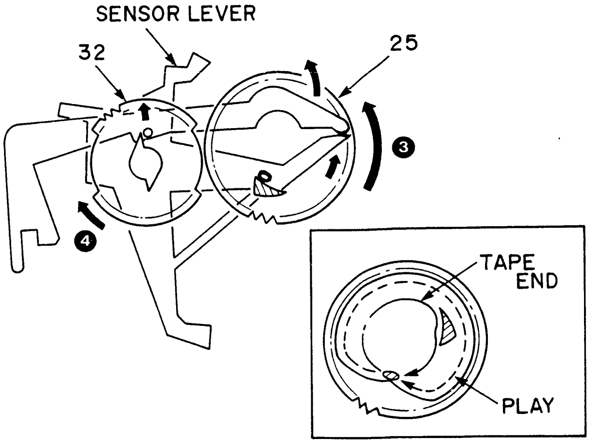
MECHANISM OPERATION DESCRIPTION

AUTO REVERSE

1. When the reel base (40) stops rotation at the end of tape, the arm (38) stops pushing the sensor lever (❶).
2. The sensor lever is engaged with the cam projection of the cam gear (25) and carried until the intermediate point of the cam gear (❷).

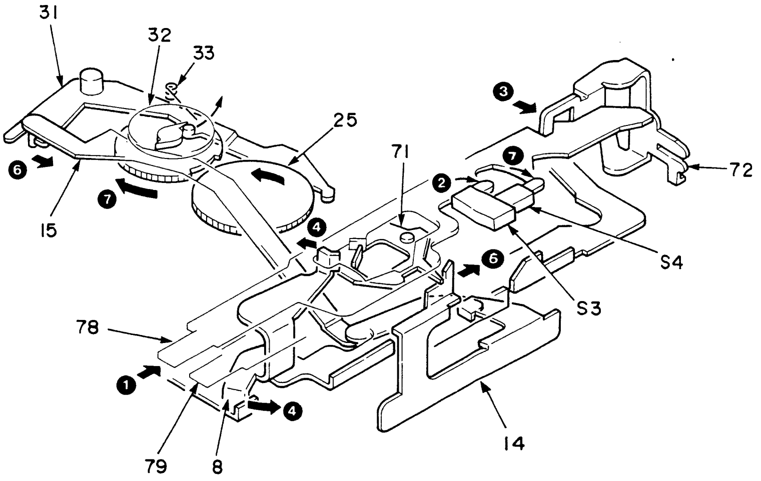


3. Then, the sensor lever is carried by the triangular boss of the cam gear (25) and pushes the lock lever (❸).
4. When the lock lever is pushed, the changeover gear rotates and the program operation starts (❹).



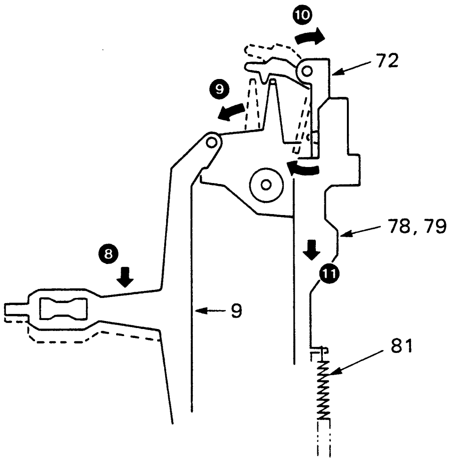
REW

1. Push the lever REW (78) (❶).
2. Pushing the lever REW (78) closes the leaf switch (S3) and muting is applied (❷).
3. The lever REW (78) is locked by the arm (72) (❸).
4. By pushing the lever REW (78), the lever (8) is pushed in the direction of arrow (❹).
5. Through being pushed, the lever (8) moves the lever assembly (head plate [2]) backward a little (❺). Through the backward movement of the lever assembly, the playback head (HD1) and pinch roller (7) also moves backward a little.
6. This time, the lever REW (78) moves the arm assembly (15) and PROGRAM operation is engaged (❻).
7. The rotation of the reel base (40) is high-speeded by the speed selector switch (S4) (❼).



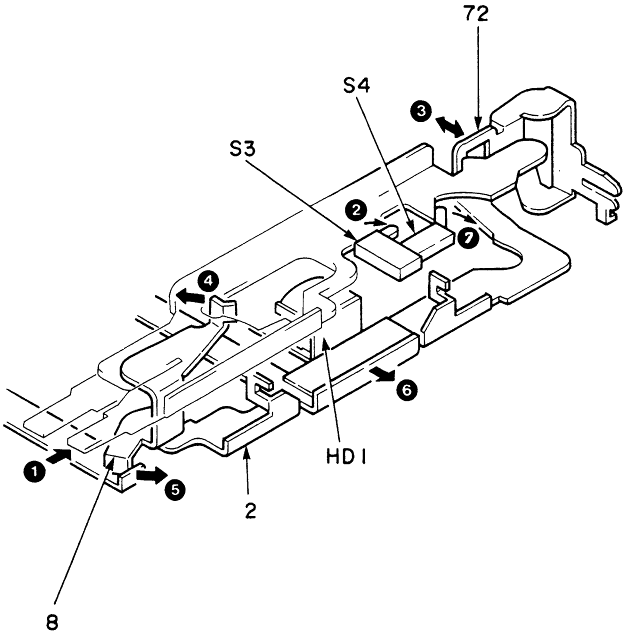
MECHANISM OPERATION DESCRIPTION

8. At the tape end during the operation of REW, the end sensor is activated, and the changeover arm (9) moves the arm (72) during the operation of PROGRAM (❽) (❾) (❿). The lever REW (78) is released (⓫).
9. To release REW, slightly depress the lever FF (79).
10. By depressing the lever FF (79), the arm (72) moves, and the lever REW (78) returns by the tension spring (81) (⓫).



FF

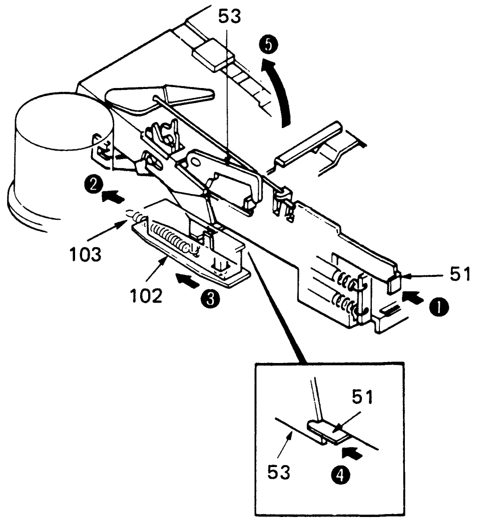
1. Push the lever FF (79) (❶).
2. Pushing the lever FF (79) closes the leaf switch (S3) and muting is applied (❷).
3. The lever FF (79) is locked by the arm (72) (❸).
4. By pushing the lever FF (79), the lever (8) is pushed in the direction of arrow (❹).
5. Through being pushed, the lever (8) moves the lever assembly (head plate [2]) backward a little (❺). The playback head (HD1) and pinch roller also moves backward a little.
6. The rotation of the reel base (40) is high-speeded by the speed selector switch (S4) (❻).



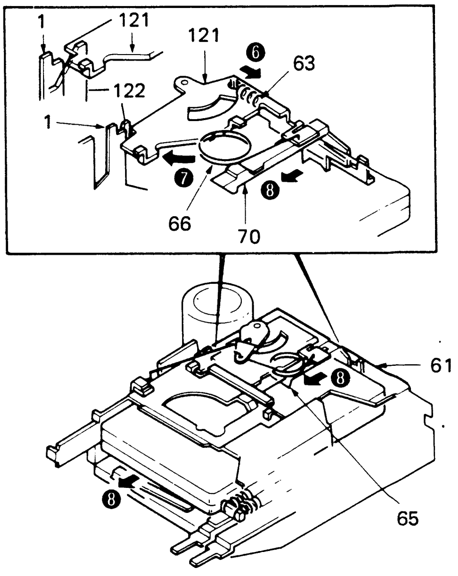
MECHANISM OPERATION DESCRIPTION

EJECT

1. Push the lever assembly (eject [51]) (❶).
2. By pushing the lever assembly (eject [51]), the tension spring (103) pushes the lever (102) (❷).
3. Though pushing the lever (102), the slide switch (S1) is turned off, and the lever assembly (head plate [2]) moves backward (❸).
4. The lever assembly (eject [51]) pushes and turns the arm (action [53]) (❹).
5. By turning, the arm (action [53]) pushes up the holder (action plate [61]) (❺).



6. When the holder (action plate [61]) is pushed up, the lever (reverse [121]) is pulled by the tension spring (63) and turns (❻).
7. In turning, the lever (reverse [121]) is put on the lever of the mechanism chassis (122) (❼).
8. The cassette guide (65) is pushed forward by the torsion coil spring (66) , and the cassette tape is ejected (❽).



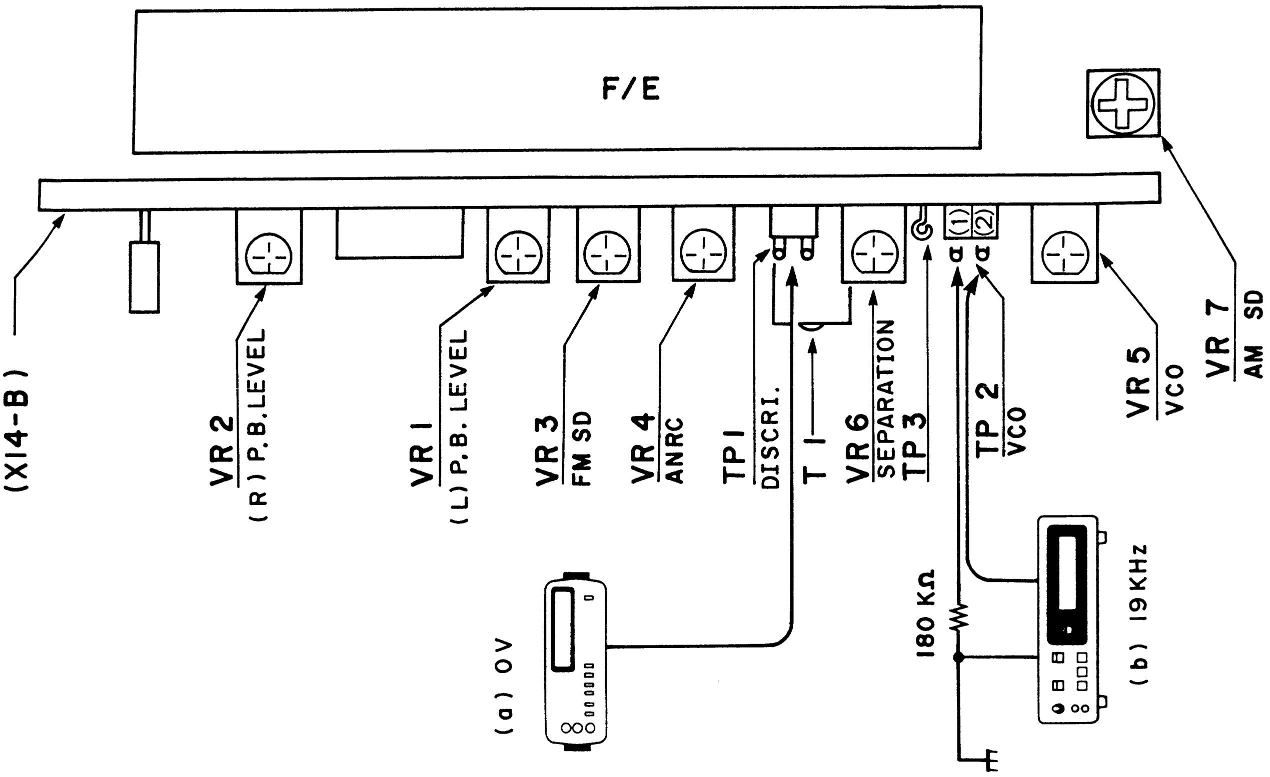
ADJUSTMENT

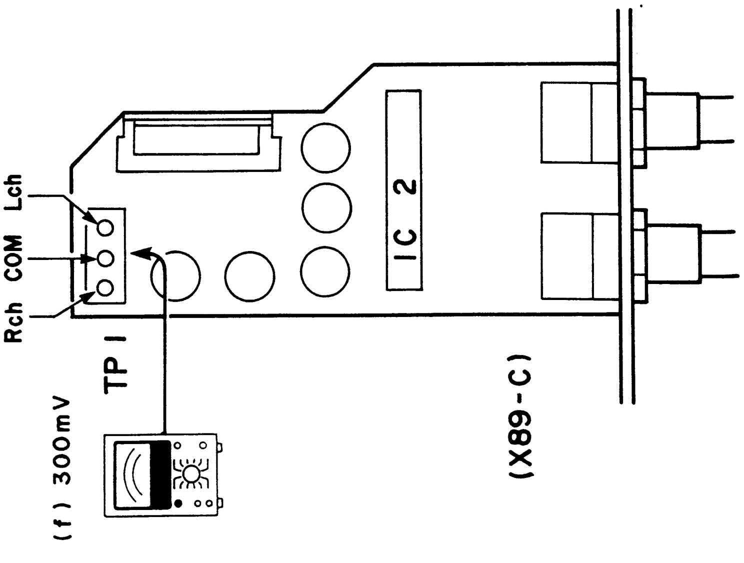
Set the controls and switches as follows.

BALANCE :center position LOUD :OFF LOCAL :OFF
FADER :center position T・ADV :OFF AUTO :OFF
BASS :center position METAL :OFF
TREBLE :center position DOLBY NR :OFF

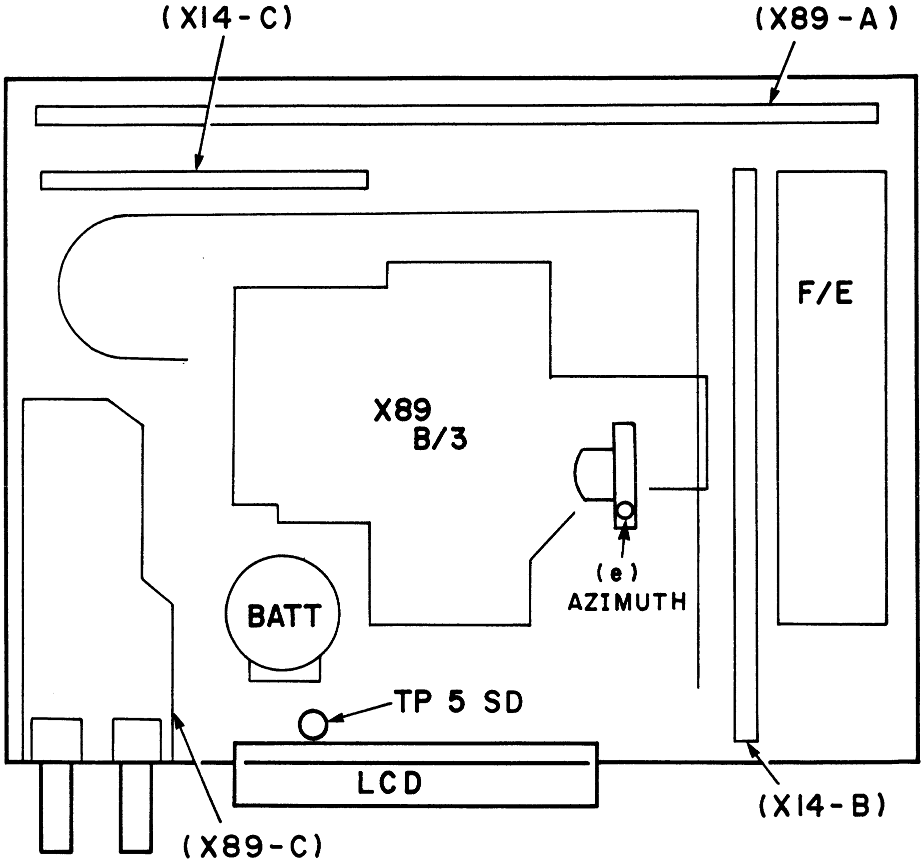
No.	ITEM	INPUT SETTINGS	OUTPUT SETTINGS	TUNER(RECEIVER) SETTINGS	ALIGNMENT POINTS	ALIGN FOR	FIG.
FM SECTION							
1	DISCRI-MINATOR	(A) 98.1MHz 0 dev 60dBμ(ANT input)	Connect the DC voltmeter between pins of TP1(X14 B/3)	FM 98.1MHz	T1 (X14 B/3)	0V	(a)
2	VCO	(A) 98.1MHz 0 dev 60dBμ(ANT input)	Connect a frequency counter to TP2 (2) and GND	FM 98.1MHz Connect a R(180KΩ) between TP2(1)and GND	VR5 (X14 B/3)	19KHz	(b)
3	SEPA-RATION	(C) 98.1MHz 1kHz, ±40kHz dev Pilot:±7.5kHz dev Selector:L or R 60dBμ(ANT input)	(B)	FM 98.1MHz	VR6 (X14 B/3)	Adjust it so that the crosstalk from L to R and R to L become minimum.	
4	ANRC	(C) 98.1MHz 1kHz, ±40kHz dev Pilot:±7.5kHz dev Selector:L or R 35dBμ(ANT input)	(B)	FM 98.1MHz Connect a lerd wire between TP3 and GND	VR4 (X14 B/3)	Separation 10dB	
5	SEEK STOP LEVEL	(A) 98.1MHz 1kHz, ±40kHz dev 20dBμ(ANT input)	Connct the DC voltmeter to TP5(X14 A/3)	FM SEEK:ON 98.1MHz	VR3 (X14 B/3)	Low → High(Voltage) (Seek stop)	(c)
AM SECTION							
(1)	SEEK STOP LEVEL	(D) 1000kHz 400Hz, 30% mod 35dBμ(ANT input)	Connect the DC voltmeter to TP5(X14 A/3)	AM 1000kHz	VR7 (X14 A/3)	Low → High(Voltage) (Seek stop)	(c)
CASSETTE DECK SECTION							
[1]	AZIMUTH	MTT-114 10kHz	(B)	TAPE PLAY	Head Azimuth Screw	Adjust the azimuth for each L CH/R CH or FWD/RVS becomes maximum.	(e)
[2]	PLAYBACK LEVEL	MTT-150	Connect a AC voltmeter to TP1(X89 C/3)	TAPE PLAY	VR1 (L) VR2 (R) (X14 B/3)	300mV	(f)

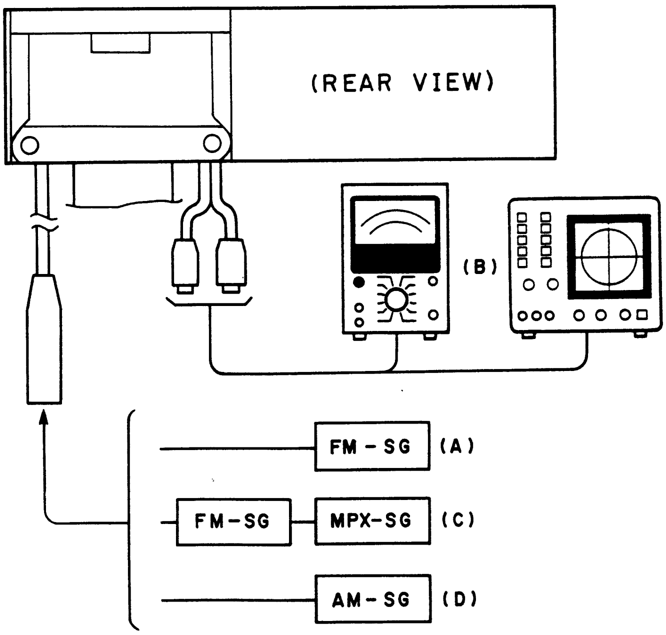
ADJUSTMENT


F/E
(X14-B)
VR 2 (R) P.B.LEVEL
VR 1 (L) P.B. LEVEL
VR 3 FM SD
VR 4 ANRC
TP 1 DISCRI.
T 1
VR 6 SEPARATION
TP 3
(1)
(2)
TP 2 VCO
VR 5 VCO
VR 7 AM SD
(a) 0V
180 KΩ
(b) 19KHz

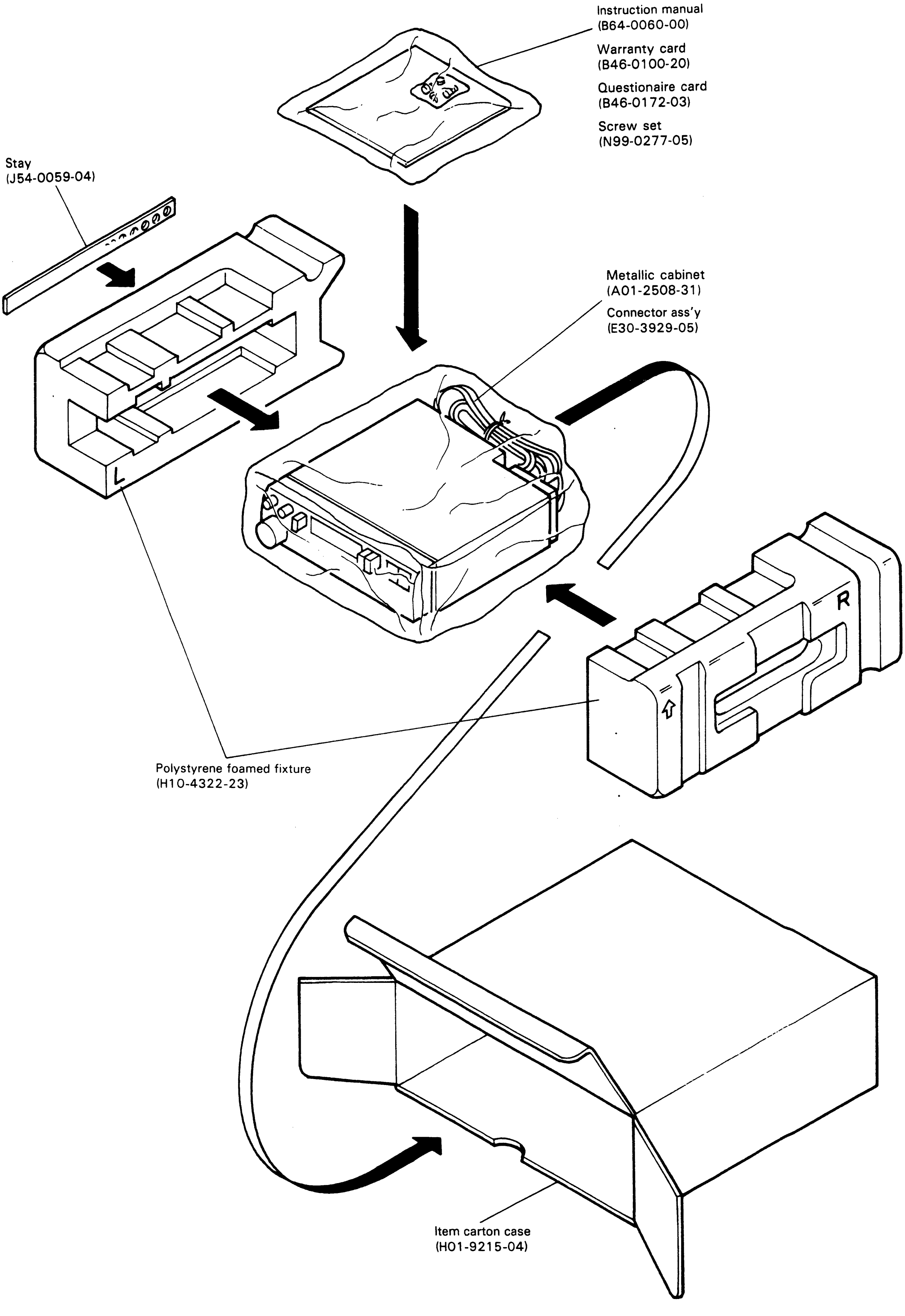

IC 2
Lch
COM
Rch
TP 1
(f) 300mV
(X89-C)

ADJUSTMENT

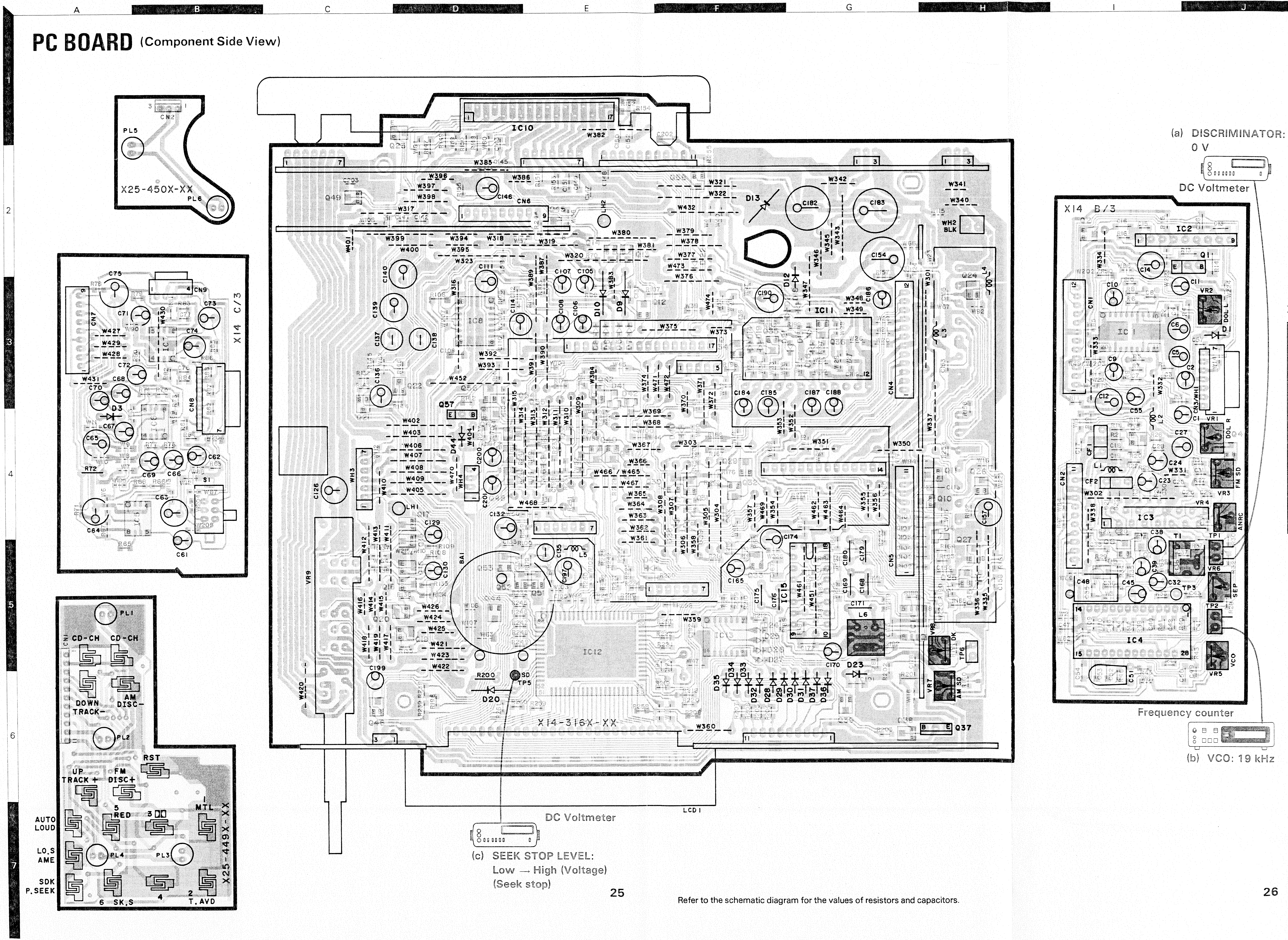

(X14-C)
(X89-A)
F/E
X89
B/3
(e)
AZIMUTH
BATT
TP 5 SD
LCD
(X89-C)
(X14-B)


(REAR VIEW)
(B)
FM-SG
(A)
FM-SG
MPX-SG
(C)
AM-SG
(D)

PACKING


Instruction manual
(B64-0060-00)
Warranty card
(B46-0100-20)
Questionaire card
(B46-0172-03)
Screw set
(N99-0277-05)
Stay
(J54-0059-04)
Metallic cabinet
(A01-2508-31)
Connector ass'y
(E30-3929-05)
L
R
Polystyrene foamed fixture
(H10-4322-23)
Item carton case
(H01-9215-04)

PC BOARD (Component Side View)


A
B
C
D
E
F
G
H
I
J
1
2
3
4
5
6
7
X25-450X-XX
CN2
PL5
PL6
X14 C/3
CN7
CN8
CN9
IC7
D3
S1
IC10
IC8
IC11
IC12
IC15
CN4
CN5
CN6
D13
D12
D9
D10
D20
D23
D44
Q49
Q57
Q37
VR7
VR8
VR9
WH2 BLK
LH1
LH2
L3
L4
L5
L6
BA1
SD TP5
TP6
R200
X14-316X-XX
LCD1
PL1
CD-CH
CD-CH
DOWN TRACK–
AM DISC–
PL2
RST
UP TRACK+
FM DISC+
AUTO LOUD
LO.S AME
SDK P.SEEK
MTL
RED
5
3
6 SK.S
4
2 T.AVD
PL3
PL4
X25-449X-XX
X14 B/3
IC1
IC2
IC3
IC4
Q1
CN1
CN2
CN3/WH1
VR1
VR2
VR3
VR4
VR5
VR6
TP1
TP2
TP3
T1
L2
CF1
CF2
DOL L
DOL R
FM SD
ANRC
SEP
VCO
AM SD

(a) DISCRIMINATOR:
0 V

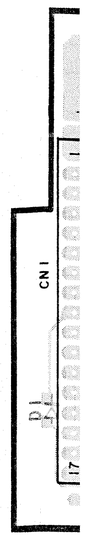
DC Voltmeter

Frequency counter

(b) VCO: 19 kHz

DC Voltmeter

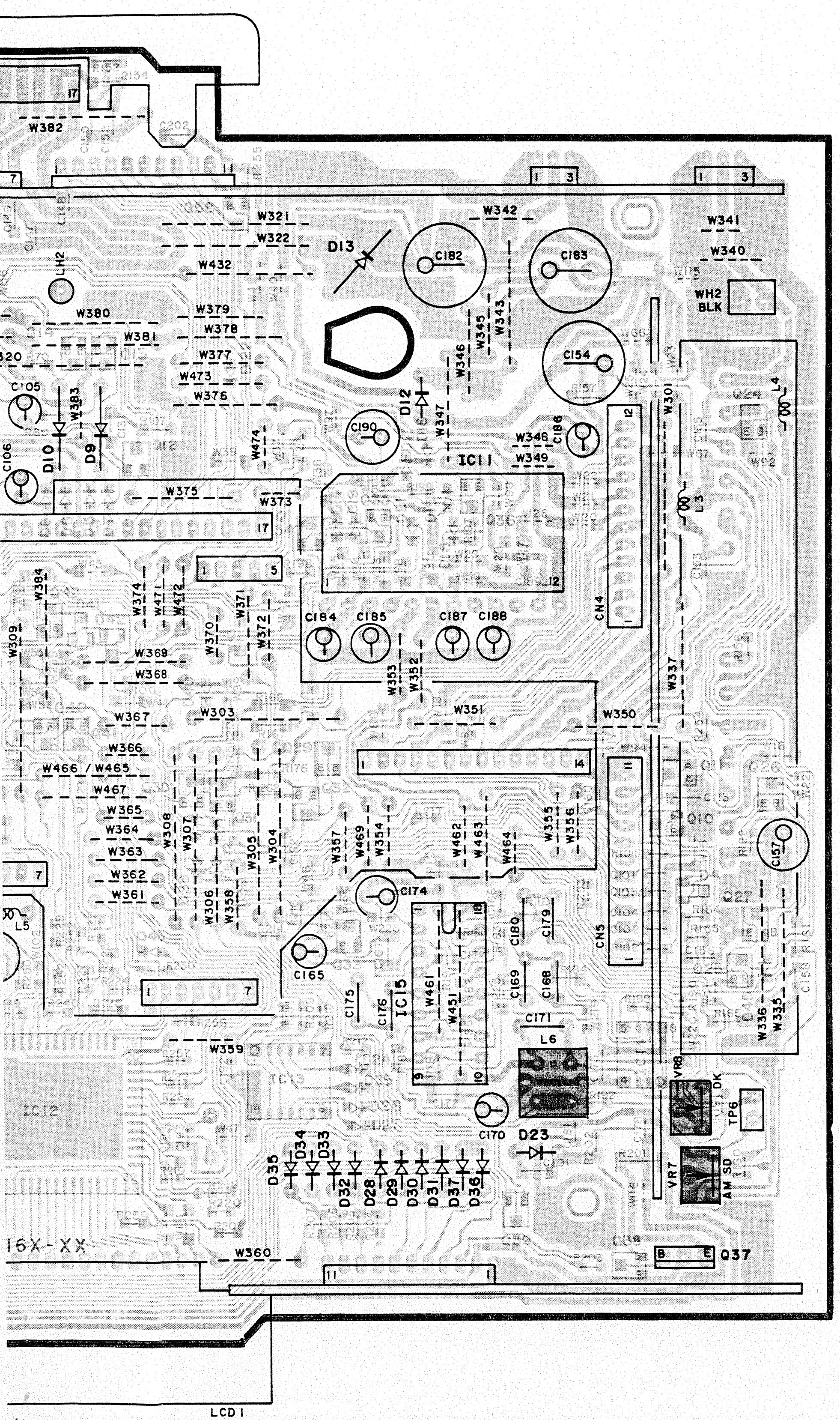
(c) SEEK STOP LEVEL:
Low → High (Voltage)
(Seek stop)



X89-1282

Ref. No.	
IC	Q
	1
	2
	3
	4
	5
	6
	7
	8
	9
	10
	11
	12
	13
	14
1	
2	

Refer to the schematic diagram for the values of resistors and capacitors.


W382
W321
W322
W342
W341
W340
D13
C182
C183
W432
WH2 BLK
W380
W379
W378
W381
W377
W473
W376
C154
C105
W383
D10
D9
C106
D12
C190
W348
W349
IC11
W375
W373
W374
W471
W472
W371
W372
W370
C184
C185
C187
C188
W369
W368
W303
W367
W351
W350
W366
W466 / W465
W467
W365
W364
W363
W362
W361
W306
W307
W305
W304
W357
W469
W354
W462
W463
W464
W355
W356
Q10
C157
Q27
C174
C165
IC15
W461
W451
C171
L6
C170
D23
W359
IC12
D35
D34
D33
D32
D28
D29
D30
D31
D37
D36
VR8
VR7
AM SD
DK
TP6
W360
Q37
16X-XX
LCD1

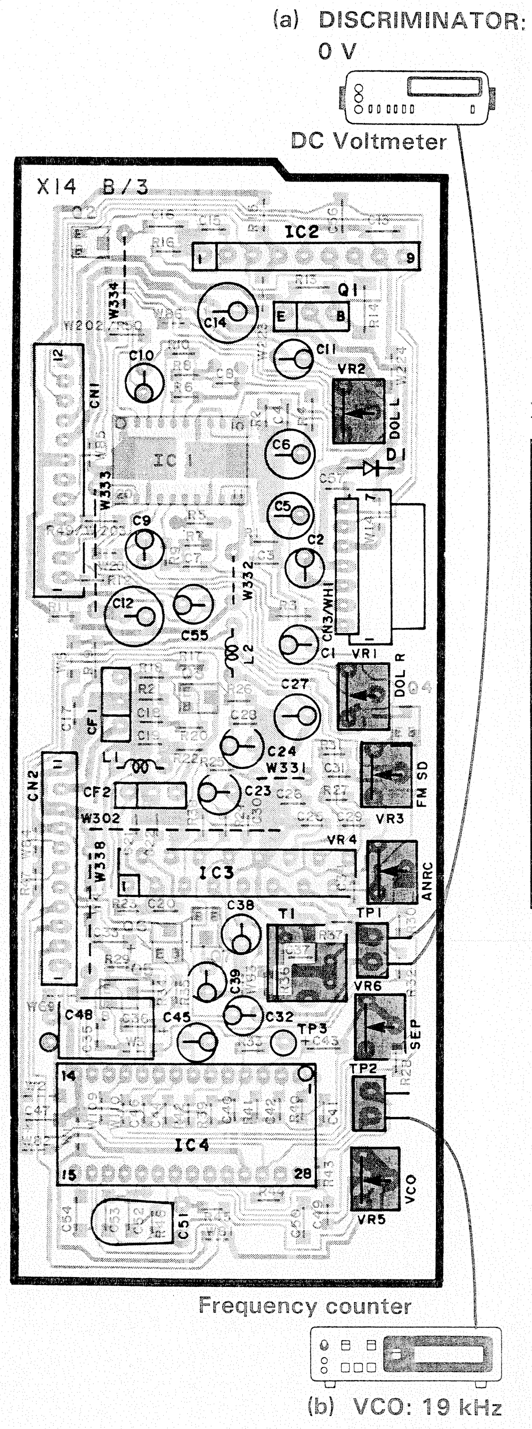
ltmeter

'EL:

oltage)

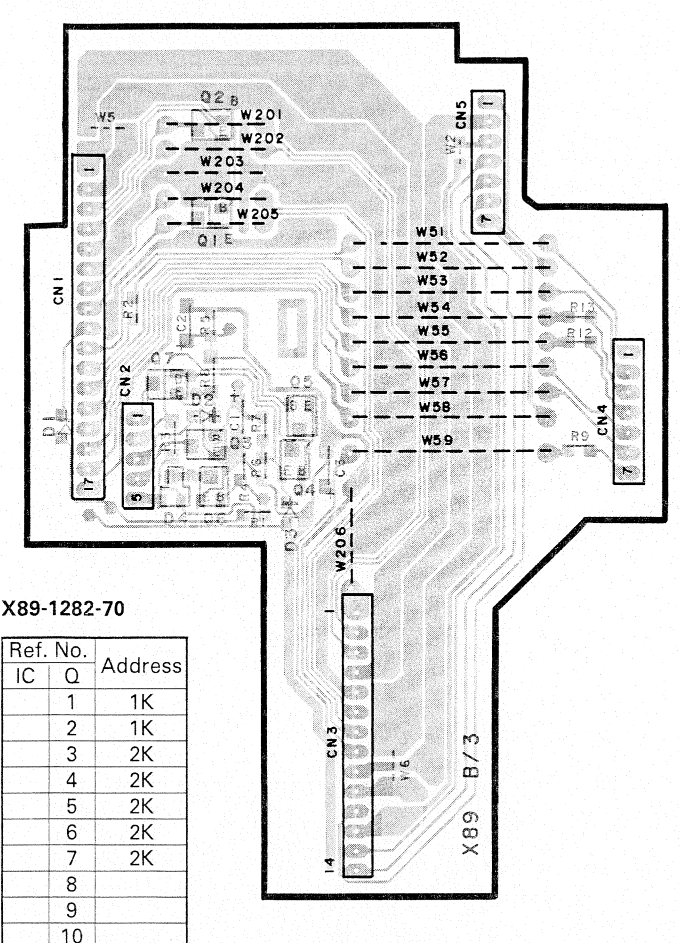
(a) **DISCRIMINATOR:**
0 V

DC Voltmeter


X14 B/3
IC2
Q1
C14
C11
VR2
DOL L
C10
IC1
C6
D1
C5
C9
C2
C12
C55
C1
VR1
DOL R
C27
C24
C23
VR3
FM SD
CF2
W302
VR4
ANRC
IC3
C38
T1
TP1
VR6
SEP
C48
C45
C32
TP3
TP2
IC4
VR5
VCO
C51

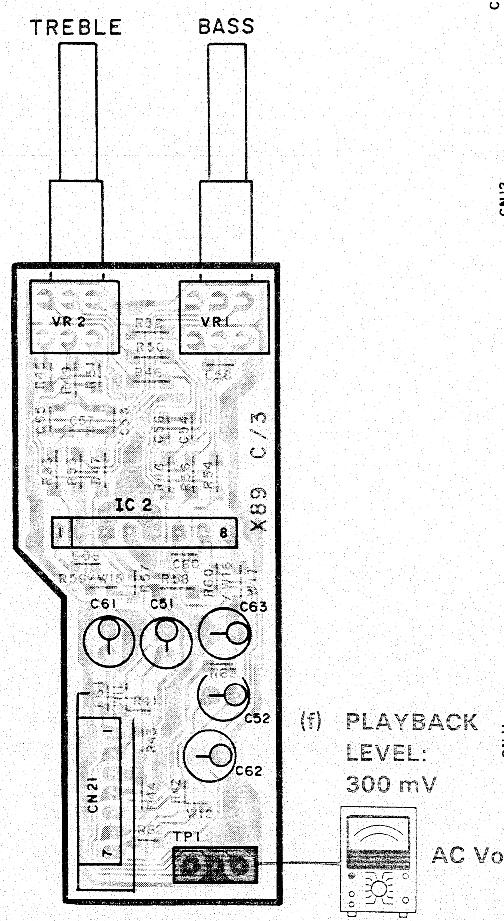
Frequency counter

(b) VCO: 19 kHz


Q2
W201
W202
W203
W204
W205
Q1
CN5
CN1
W51
W52
W53
W54
W55
W56
W57
W58
W59
CN2
Q5
CN4
Q4
W206
CN3
X89 B/3

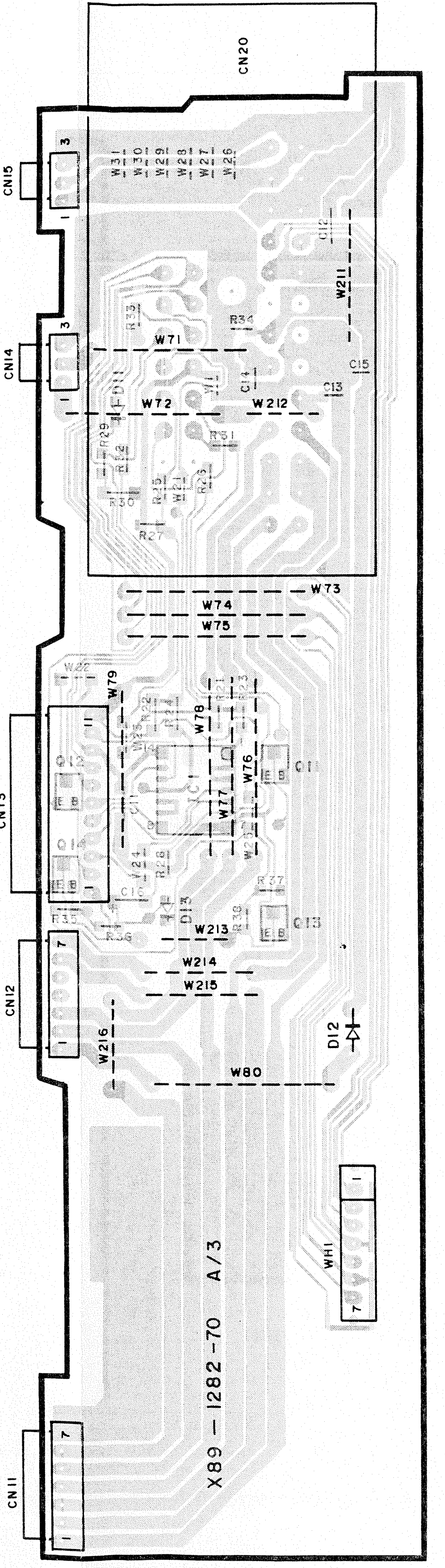
X89-1282-70

Ref. No.		Address
IC	Q	
	1	1K
	2	1K
	3	2K
	4	2K
	5	2K
	6	2K
	7	2K
	8	
	9	
	10	
	11	4N
	12	4M
	13	4N
	14	4M
1		4N
2		6I


TREBLE
BASS
VR2
VR1
IC2
X89 C/3
C61
C51
C63
C52
C62
CN21
TP1

(f) PLAYBACK
LEVEL:
300 mV

AC Voltmeter


CN20
CN15
W31
W30
W29
W28
W27
W26
W211
CN14
W71
W72
W212
C15
W73
W74
W75
W79
W78
W76
W77
CN13
W213
W214
W215
CN12
W216
D12
W80
WH1
X89 — 1282 -70 A/3
CN11

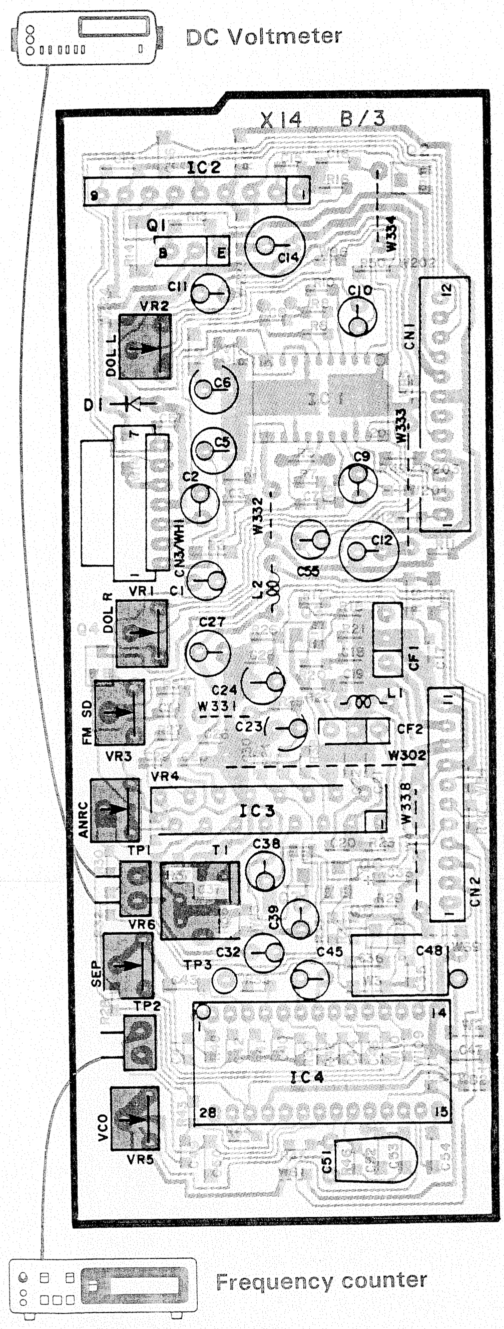
X14-3162-XX

Ref. No.		Address
IC	Q	
	1	3J
	2	2I
	3	4I
	4	4J
	5	5I
	6	5I
	7	5I
	8	
	9	
	10	
	11	4H
	12	3E
	13	2E
	14	2E
	15	5D
	16	5D
	17	4D
	18	5D
	19	5D
	20	5D
	21	4C
	22	3D
	23	1D
	24	3H
	25	5H
	26	4H
	27	5H
	28	
	29	4C
	30	4F
	31	4F
	32	4F
	33	5F
	34	3F
	35	3F
	36	3G
	37	6H
	38	6G
	39	6G
	40	4E
	41	4E
	42	3E
	43	4D
	44	5D
	45	2E
	46	6C
	47	4D
	48	4D
	49	2C
	50	
	51	5E
	52	5D
	53	5D
	54	4D
	55	4E
	56	3D
	57	4D
1		3I
2		2J
3		4I
4		5I
5		4B
6		4B
7		3B
8		3D
9		
10		
11		3G
12		5E
13		5F
14		5G
15		5G

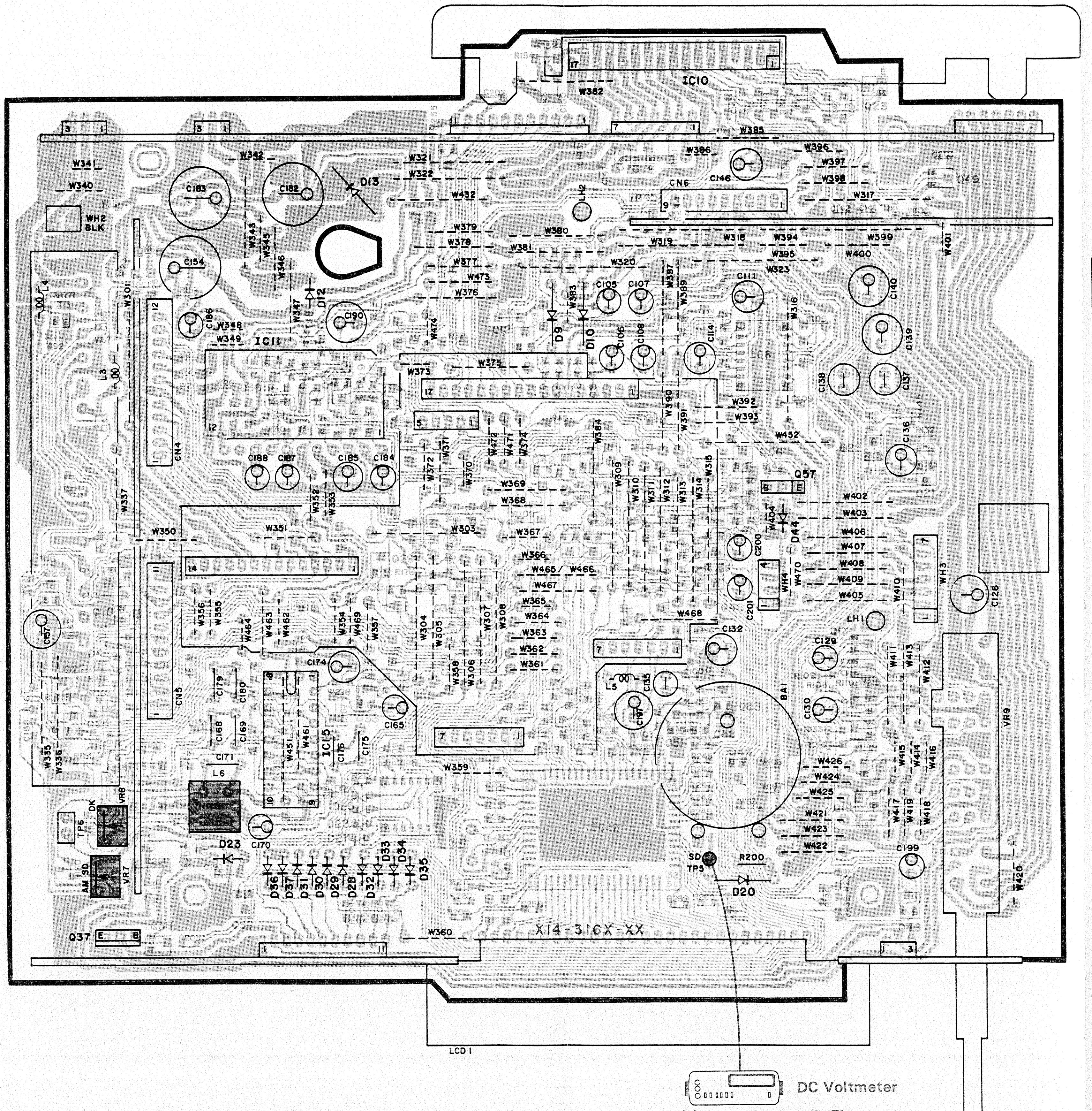
Refer to the schematic diagram for the values of resistors and capacitors.

PC BOARD (Foil Side View)

(a) DISCRIMINATOR:
0 V


DC Voltmeter
X14 B/3
IC2
Q1
IC1
IC3
IC4
VR1
VR2
VR3
VR4
VR5
VR6
DOL L
DOL R
FM SD
ANRC
SEP
VCO
TP1
TP2
TP3
T1
CN1
CN2
CN3/WH1
CF1
CF2
L1
L2
D1
Frequency counter

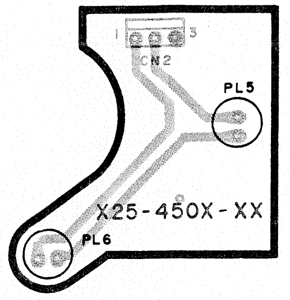
(b) VCO: 19 kHz


IC10
IC8
IC11
IC12
IC15
CN4
CN5
CN6
WH2 BLK
WH3
WH4
LH1
LH2
L3
L4
L5
L6
BA1
D9
D10
D12
D13
D20
D23
D44
Q37
Q57
TP5
TP6
SD
R200
VR7
VR8
VR9
AM SD
DK
X14-316X-XX
LCD1

DC Voltmeter

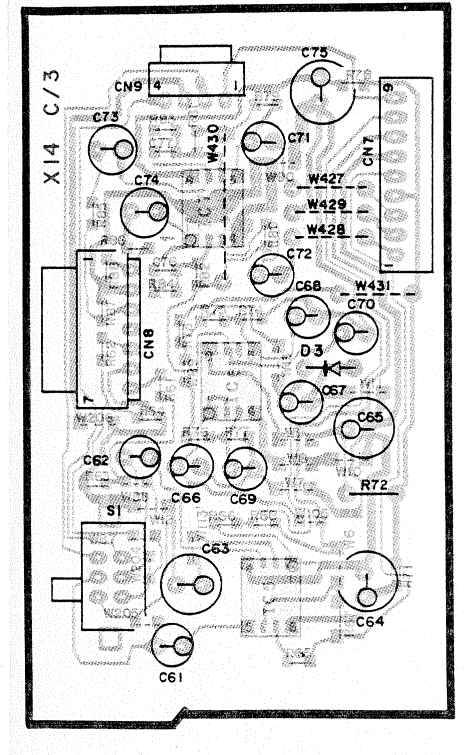
(c) SEEK STOP LEVEL:
Low → High (Voltage)
(Seek stop)

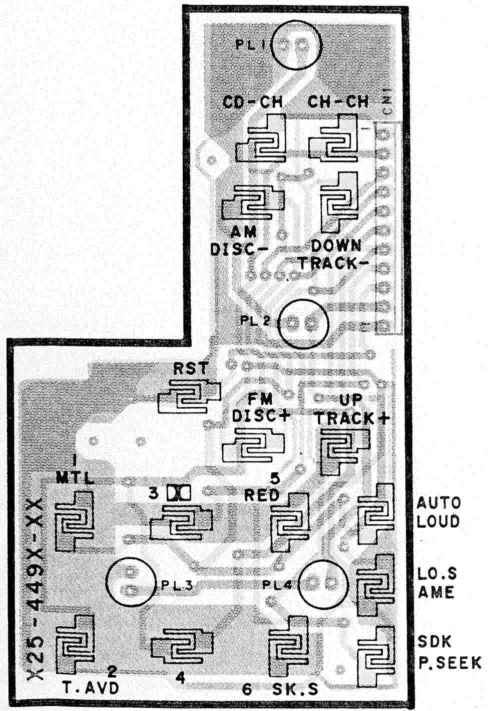
Refer to the schematic diagram for the values of resistors and capacitors.

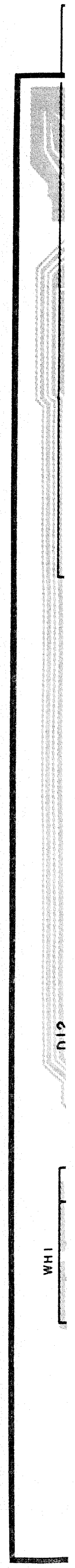

CN2
PL5
PL6
X25-450X-XX

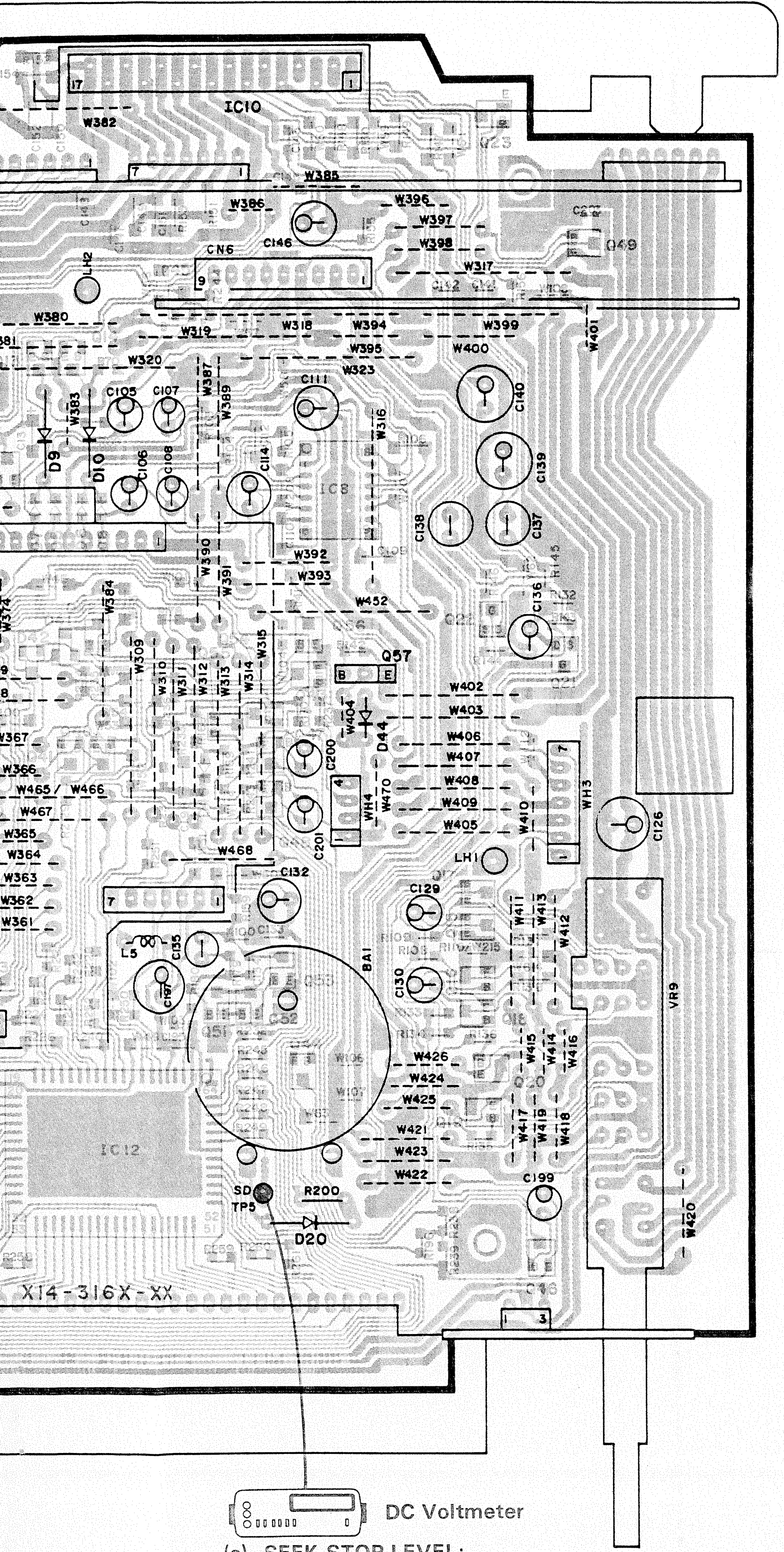
X89-1282-70

Ref. NO.		Address
IC	Q	
	1	1AC
	2	1AC
	3	2AC
	4	2AC
	5	2AC
	6	2AC
	7	2AC
	8	
	9	
	10	
	11	4Z
	12	4AA
	13	4Z
	14	4AA
1		4AA
2		6AC


X14 C/3
CN7
CN8
CN9
S1
D3
R72

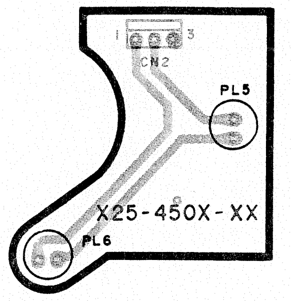

PL1
PL2
PL3
PL4
CN1
CD-CH
CH-CH
AM DISC-
DOWN TRACK-
RST
FM DISC+
UP TRACK+
MTL
RED
AUTO LOUD
LO.S AME
SDK P.SEEK
T.AVD
SK.S
X25-449X-XX




IC10
CN6
W382
W385
W386
C146
W396
W397
W398
W317
Q49
W380
W319
W318
W394
W399
W395
W323
W400
W401
W320
C105
C107
C111
C140
C139
C138
C137
C136
D9
D10
IC8
W392
W393
W452
Q57
W402
W403
W404
D44
C200
W406
W407
W408
W409
W405
W410
WH3
C126
C201
W468
LH1
C132
C129
W411
W413
W412
L5
C135
C197
BA1
C130
VR9
W426
W424
W425
W421
W423
W422
W415
W414
W416
W417
W419
W418
IC12
SD
TP5
R200
D20
C199
W420
X14-316X-XX

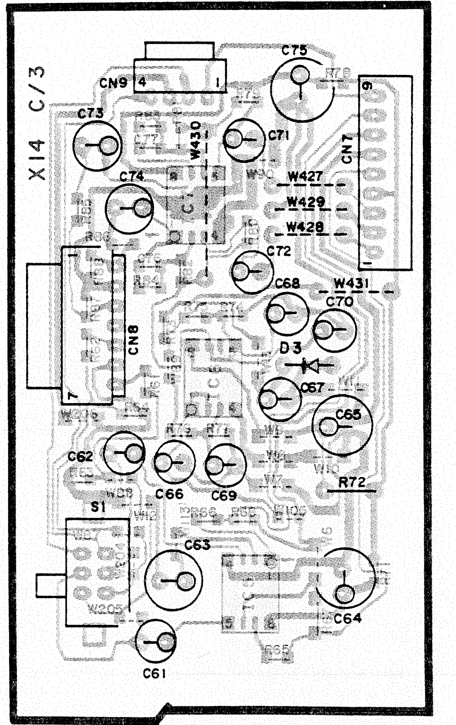
DC Voltmeter

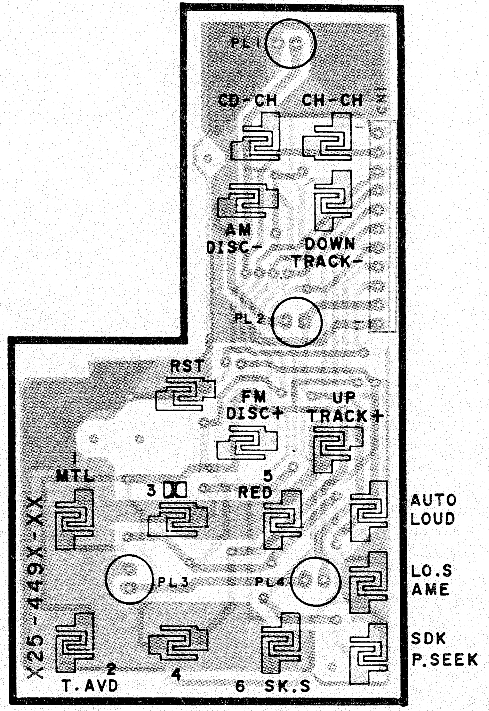
(c) SEEK STOP LEVEL:
Low → High (Voltage)
(Seek stop)

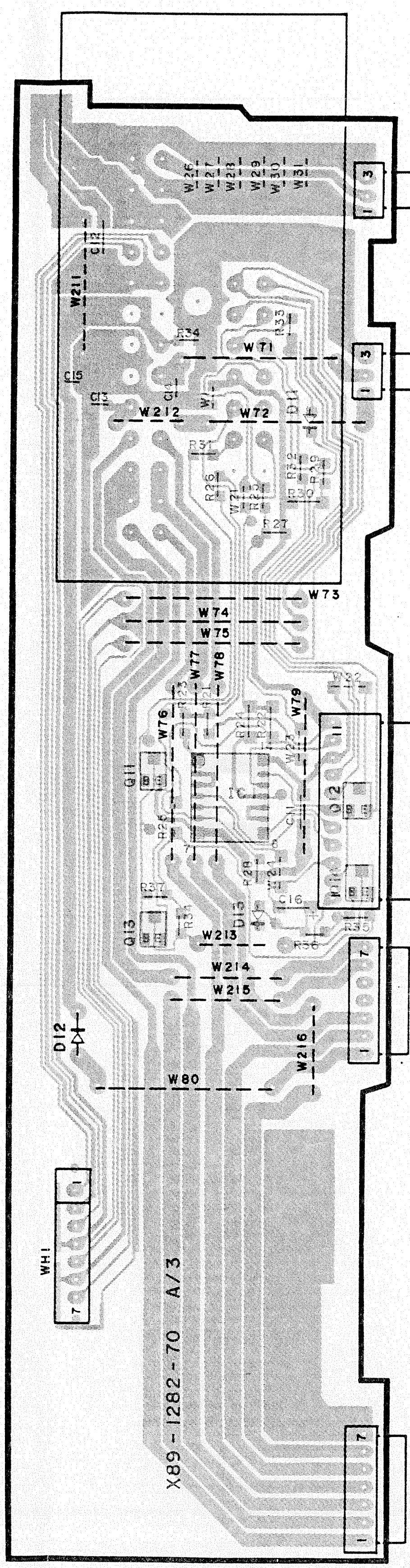

CN2
PL5
PL6
X25-450X-XX

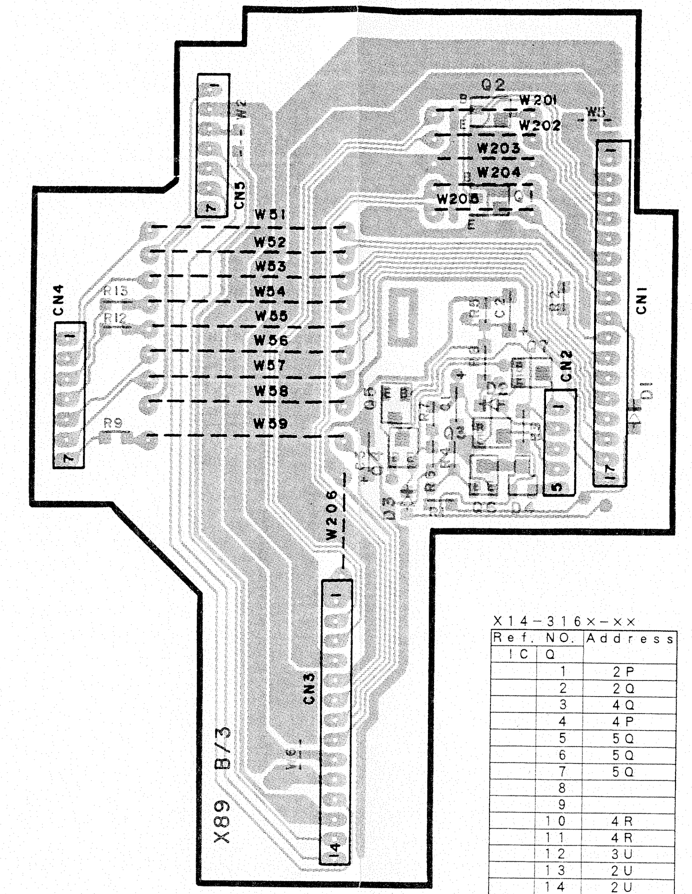
X89-1282-70

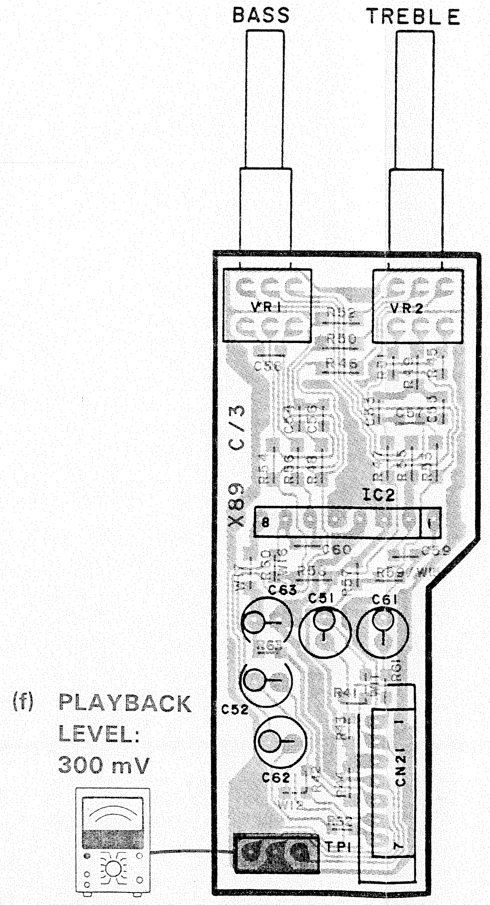
Ref. NO.		Address
IC	Q	
	1	1AC
	2	1AC
	3	2AC
	4	2AC
	5	2AC
	6	2AC
	7	2AC
	8	
	9	
	10	
	11	4Z
	12	4AA
	13	4Z
	14	4AA
1		4AA
2		6AC


X14 C/3
CN9
C75
C73
C71
CN7
W430
C74
W427
W429
W428
C72
C68
W431
C70
CN8
D3
C67
C65
C62
C66
C69
R72
S1
C63
C64
C61


PL1
CN1
CD-CH
CH-CH
AM
DISC-
DOWN
TRACK-
PL2
RST
FM
DISC+
UP
TRACK+
MTL
3
5
RED
AUTO
LOUD
PL3
PL4
LO.S
AME
SDK
P.SEEK
X25-449X-XX
2
4
6
T.AVD
SK.S


CN15
CN14
W211
W71
W212
W72
W73
W74
W75
W77
W78
W76
W79
Q11
Q12
CN13
Q13
W213
W214
W215
CN12
D12
W216
W80
WH1
X89-1282-70 A/3
CN11
7
1


Q2
W201
W202
W203
W204
W208
CN5
W51
W52
W53
W54
W55
W56
W57
W58
W59
CN4
CN1
CN2
D1
W206
CN3
X89 B/3
14


BASS
TREBLE
VR1
VR2
X89 C/3
IC2
C63
C51
C61
C52
C62
CN21
TP1

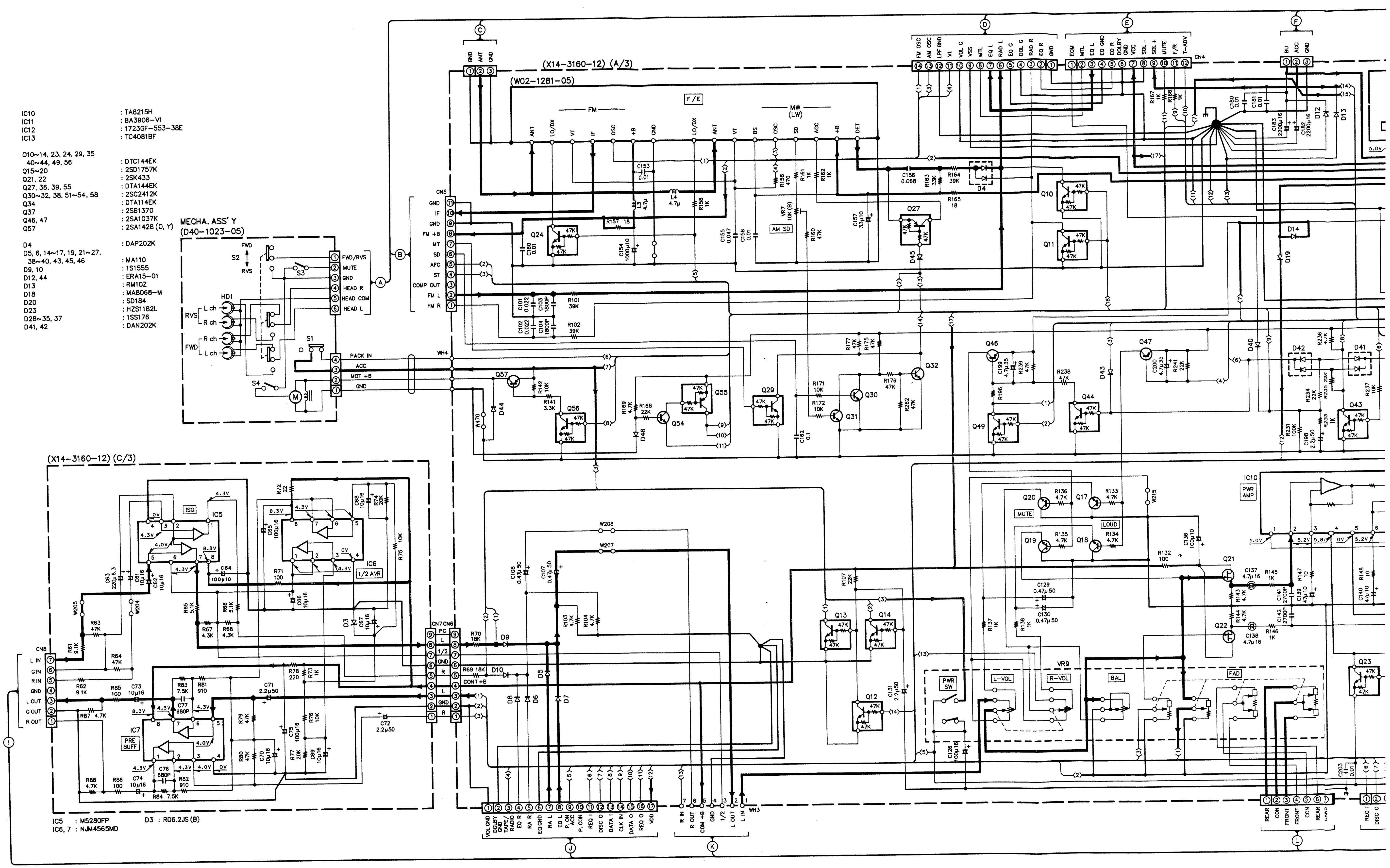
(f) PLAYBACK
LEVEL:
300 mV

AC Voltmeter

X14-316X-XX

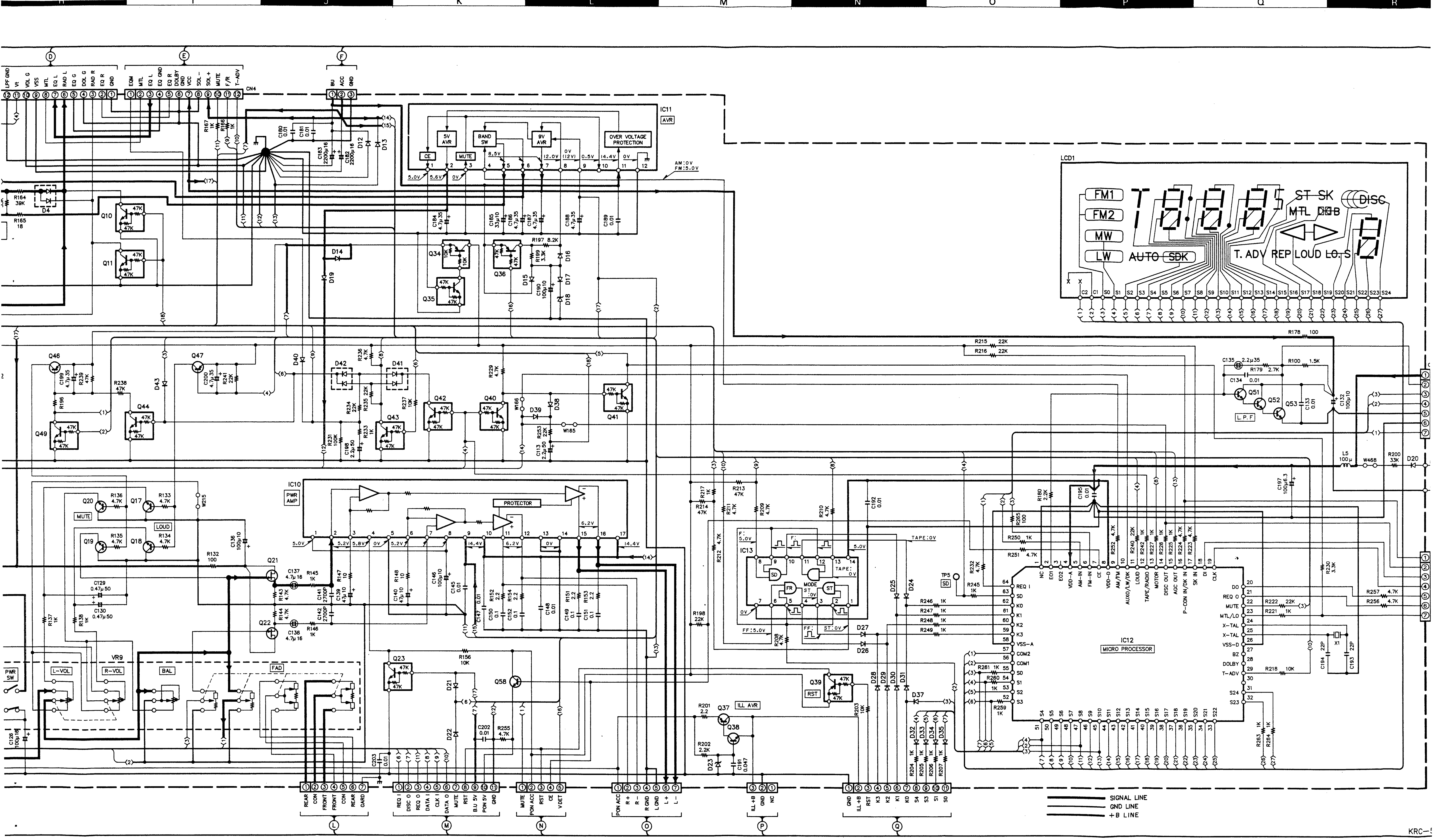
Ref. NO.		Address
IC	Q	
	1	2P
	2	2Q
	3	4Q
	4	4P
	5	5Q
	6	5Q
	7	5Q
	8	
	9	
	10	4R
	11	4R
	12	3U
	13	2U
	14	2U
	15	5V
	16	5V
	17	4V
	18	5V
	19	5V
	20	5V
	21	4W
	22	3V
	23	1V
	24	3R
	25	5R
	26	4R
	27	5R
	28	
	29	4T
	30	4T
	31	4T
	32	4T
	33	5T
	34	3T
	35	3T
	36	3S
	37	6R
	38	6S
	39	6S
	40	4U
	41	4U
	42	3U
	43	4V
	44	5V
	45	2U
	46	6W
	47	4V
	48	4V
	49	2W
	50	
	51	5U
	52	5V
	53	5V
	54	4V
	55	4U
	56	3V
	57	4V
	58	2T
1		3Q
2		2P
3		4Q
4		4Q
5		4X
6		4X
7		3X
8		3V
9		
10		1U
11		3S
12		5U
13		5T
14		5S
15		5S

IC10	: TA8215H
IC11	: BA3906−V1
IC12	: 1723GF−553−38E
IC13	: TC4081BF
Q10~14, 23, 24, 29, 35 40~44, 49, 56	: DTC144EK
Q15~20	: 2SD1757K
Q21, 22	: 2SK433
Q27, 36, 39, 55	: DTA144EK
Q30~32, 38, 51~54, 58	: 2SC2412K
Q34	: DTA114EK
Q37	: 2SB1370
Q46, 47	: 2SA1037K
Q57	: 2SA1428 (O, Y)
D4	: DAP202K
D5, 6, 14~17, 19, 21~27, 38~40, 43, 45, 46	: MA110
D9, 10	: 1S1555
D12, 44	: ERA15−01
D13	: RM10Z
D18	: MA8068−M
D20	: SD184
D23	: HZS1182L
D28~35, 37	: 1SS176
D41, 42	: DAN202K



(X14−3160−12) (A/3)
(W02−1281−05)
F/E
FM
MW (LW)
MECHA. ASS'Y
(D40−1023−05)
(X14−3160−12) (C/3)
ISO
IC5
IC6
1/2 AVR
IC7
PRE BUFF
IC10
PWR AMP
MUTE
LOUD
PWR SW
L−VOL
R−VOL
BAL
FAD
VR9
AM SD
CN4
CN5
CN6
CN7
CN8
WH3
WH4

IC5 : M5280FP
IC6, 7 : NJM4565MD
D3 : RD6.2JS (B)



H
I
J
K
L
M
N
O
P
Q
R
D
E
F
LPF GND
Vt
VOL G
VSS
MTL
EQ L
RAD L
EQ G
DOL G
RAD R
EQ R
GND
EQM
MTL
EQ L
EQ GND
EQ R
DOLBY GND
VCC
SOL –
SOL +
MUTE
F/R
T-ADV
CN4
BU
ACC
GND
IC11
AVR
5V AVR
BAND SW
9V AVR
OVER VOLTAGE PROTECTION
CE
MUTE
8.5V
12.0V
0V (12V)
0.5V
14.4V
0V
5.0V
5.6V
AM:0V
FM:5.0V
R164 39K
R165 18
D4
Q10
Q11
47K
R167 1K
R166 1K
C180 0.01
C181 0.01
C183 2200μ16
C182 2200μ16
D12
D13
D14
D19
C184 4.7μ35
C185 33μ10
C186 4.7μ35
C187 4.7μ35
C188 4.7μ35
C189 0.01
Q34
Q35
Q36
10K
R197 8.2K
R199 3.3K
D15
D16
D17
D18
C190 100μ10
LCD1
FM1
FM2
MW
LW
AUTO
SDK
ST
SK
DISC
MTL
DKB
T. ADV
REP
LOUD
LO. S
C2
C1
S0
S1
S2
S3
S4
S5
S6
S7
S8
S9
S10
S11
S12
S13
S14
S15
S16
S17
S18
S19
S20
S21
S22
S23
S24
R178 100
R215 22K
R216 22K
Q46
C199 4.7μ35
R239 47K
R238 47K
R196
Q44
Q49
Q47
C200 4.7μ35
R241 22K
D43
D40
D42
D41
R236 4.7K
R234 22K
R235 22K
R233 1K
R237 10K
R231 100K
C198 2.2μ50
Q42
Q43
Q40
Q41
R229 4.7K
W166
D39
D38
W165
R253 22K
C113 2.2μ50
C135 2.2μ35
R179 2.7K
R100 1.5K
C134 0.01
Q51
Q52
Q53
C133 0.01
C132 100μ10
L.P.F
L5 100μ
W468
R200 33K
D20
C197 100μ6.3
IC10
PWR AMP
PROTECTOR
Q20
Q17
R136 4.7K
R133 4.7K
MUTE
LOUD
Q19
Q18
R135 4.7K
R134 4.7K
W215
C136 100μ10
R132 100
Q21
Q22
C137 4.7μ16
C138 4.7μ16
R145 1K
R146 1K
R143 4.7K
R144 4.7K
C141 2700P
C142 2700P
R147 10
C139 4.7μ10
C140 4.7μ10
R148 10
C146 100μ10
C145 0.01
C147 0.01
C150 0.1
R152 2.2
C152 0.1
R154 2.2
C148 0.01
C149 0.1
R151 2.2
C151 0.1
R153 2.2
6.2V
14.4V
5.2V
5.8V
C129 0.47μ50
C130 0.47μ50
R137 1K
R138 1K
VR9
PWR SW
L-VOL
R-VOL
BAL
FAD
C128 100μ16
Q23
R156 10K
Q58
D21
D22
C202 0.01
R255 4.7K
C203 0.01
R217 1K
R214 47K
R213 47K
R211 4.7K
R212 4.7K
R209 4.7K
R210 4.7K
C192 0.01
R198 22K
IC13
MODE
TAPE: 0V
FF: 5.0V
ST: 0V
R208 4.7K
TP5
SD
D25
D24
D27
D26
D28
D29
D30
D31
D37
Q39
RST
R203 10K
R201 2.2
R202 2.2K
Q37
Q38
ILL AVR
D23
C191 0.047
D32
D33
D34
D35
R204 1K
R205 1K
R206 1K
R207 1K
R232 4.7K
R245 1K
R246 1K
R247 1K
R248 1K
R249 1K
R261 1K
R260 1K
R259 1K
R180 2.2K
R265 100
C195 0.01
R250 1K
R251 4.7K
R252 4.7K
R240 22K
R242 1K
R227 1K
R228 1K
R225 1K
R224 4.7K
R223 4.7K
IC12
MICRO PROCESSOR
NC
EO1
EO2
VDD-A
AM-IN
FM-IN
CE
VDD-D
AM/FM
AUXO/LW/OK
LOUD
TAPE/RADIO
MOTOR
DISC OUT
AGC OUT
P-CON IN/DK IN
SK IN
DI
CLK
REQ I
SD
KO
K1
K2
K3
VSS-A
COM2
COM1
S0
DO
REQ O
MUTE
MTL/LO
X-TAL
VSS-D
BZ
DOLBY
T-ADV
R230 3.3K
R222 22K
R221 1K
R257 4.7K
R256 4.7K
C194 22P
X1
C193 22P
R218 10K
R283 1K
R284 1K
REAR
CON
FRONT
GARD
REQ I
DISC O
DATA I
CLK I
DATA O
RST
BU 5V
PON 5V
GND
MUTE
PON ACC
RST
CE
VDET
R +
R –
R GND
L GND
L +
L –
ILL+B
NC
K3
K2
K1
KO
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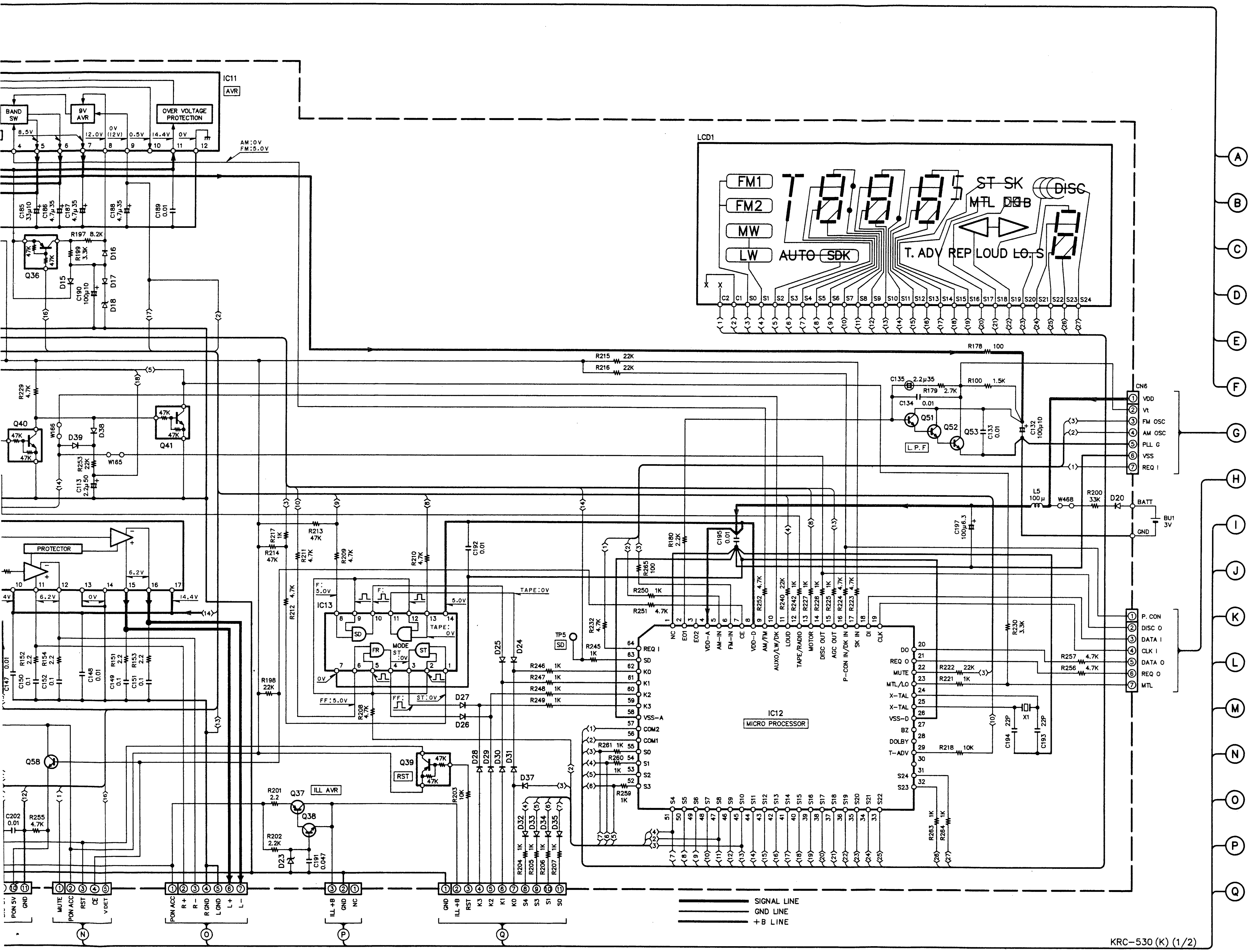
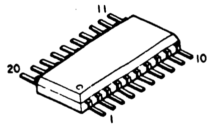
S3
S1
S0
L
M
N
O
P
Q
SIGNAL LINE
GND LINE
+B LINE

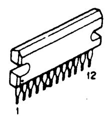

IC11
AVR
BAND SW
9V AVR
OVER VOLTAGE PROTECTION
AM:0V FM:5.0V
LCD1
FM1
FM2
MW
LW
AUTO
SDK
ST SK
DISC
MTL
T. ADV
REP
LOUD
LO.S
C2 C1 S0 S1 S2 S3 S4 S5 S6 S7 S8 S9 S10 S11 S12 S13 S14 S15 S16 S17 S18 S19 S20 S21 S22 S23 S24
Q36
Q40
Q41
Q51
Q52
Q53
L.P.F
CN6
VDD
Vt
FM OSC
AM OSC
PLL G
VSS
REQ I
BATT
BU1 3V
GND
D20
L5 100µ
W468
R200 33K
PROTECTOR
IC13
TAPE:0V
TP5
SD
IC12
MICRO PROCESSOR
REQ I
SD
KO
K1
K2
K3
VSS-A
COM2
COM1
S0
S1
S2
S3
NC
EO1
EO2
VDD-A
AM-IN
FM-IN
CE
VDD-D
AM/FM
AUXO/LW/DK
LOUD
TAPE/RADIO
MOTOR
DISC OUT
AGC OUT
P-CON IN/DK IN
SK IN
DI
CLK
DO
REQ O
MUTE
MTL/LO
X-TAL
VSS-D
BZ
DOLBY
T-ADV
S24
S23
P. CON
DISC O
DATA I
CLK I
DATA O
REQ O
MTL
X1
Q39
RST
Q37
Q38
ILL AVR
Q58
PON 5V
GND
MUTE
PON ACC
RST
CE
VDET
PON ACC
R+
R-
R GND
L GND
L+
L-
ILL+B
GND
NC
GND
ILL+B
RST
K3
K2
K1
KO
S4
S3
S1
S0
N
O
P
Q
SIGNAL LINE
GND LINE
+B LINE
A
B
C
D
E
F
G
H
I
J
K
L
M
N
O
P
Q

KRC-530 (K) (1/2)

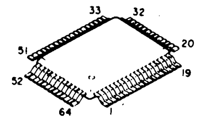
BA3424F



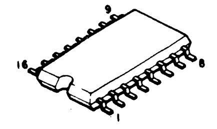
BA3906-V1



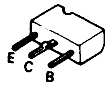
1723GF-553-3BE


33
32
51
20
52
19
64
1

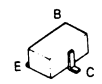
HA12134AF



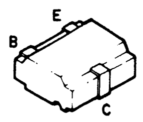
2SB822F



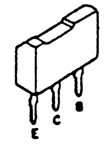
DTA114EK
DTA144EK
DTC114TK
DTC144EK
2SA1037K
2SC2412K
2SD1757K



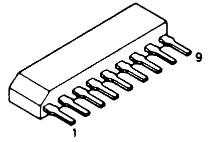
2SC2413K



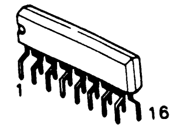
2SA1428



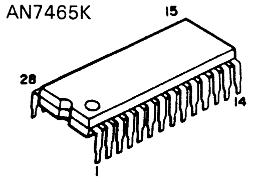
AN6262N



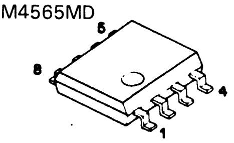
LA1140-K



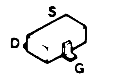
AN7465K



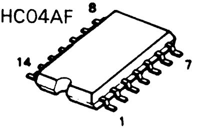
M5280FP
NJM4565M
NJM4565MD



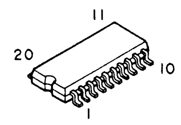
2SK433



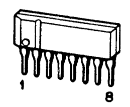
TC4081BF
TC74HC04AF



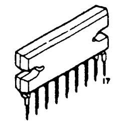
TDA1579



NJM4565L-D



TA8215H



CAUTION: For continued safety, replace safety critical components only with manufacturer's recommended parts (refer to parts list). ⚠ Indicates safety critical components. To reduce the risk of electric shock, leakage-current or resistance measurements shall be carried out (exposed parts are acceptably insulated from the supply circuit) before the appliance is returned to the customer.

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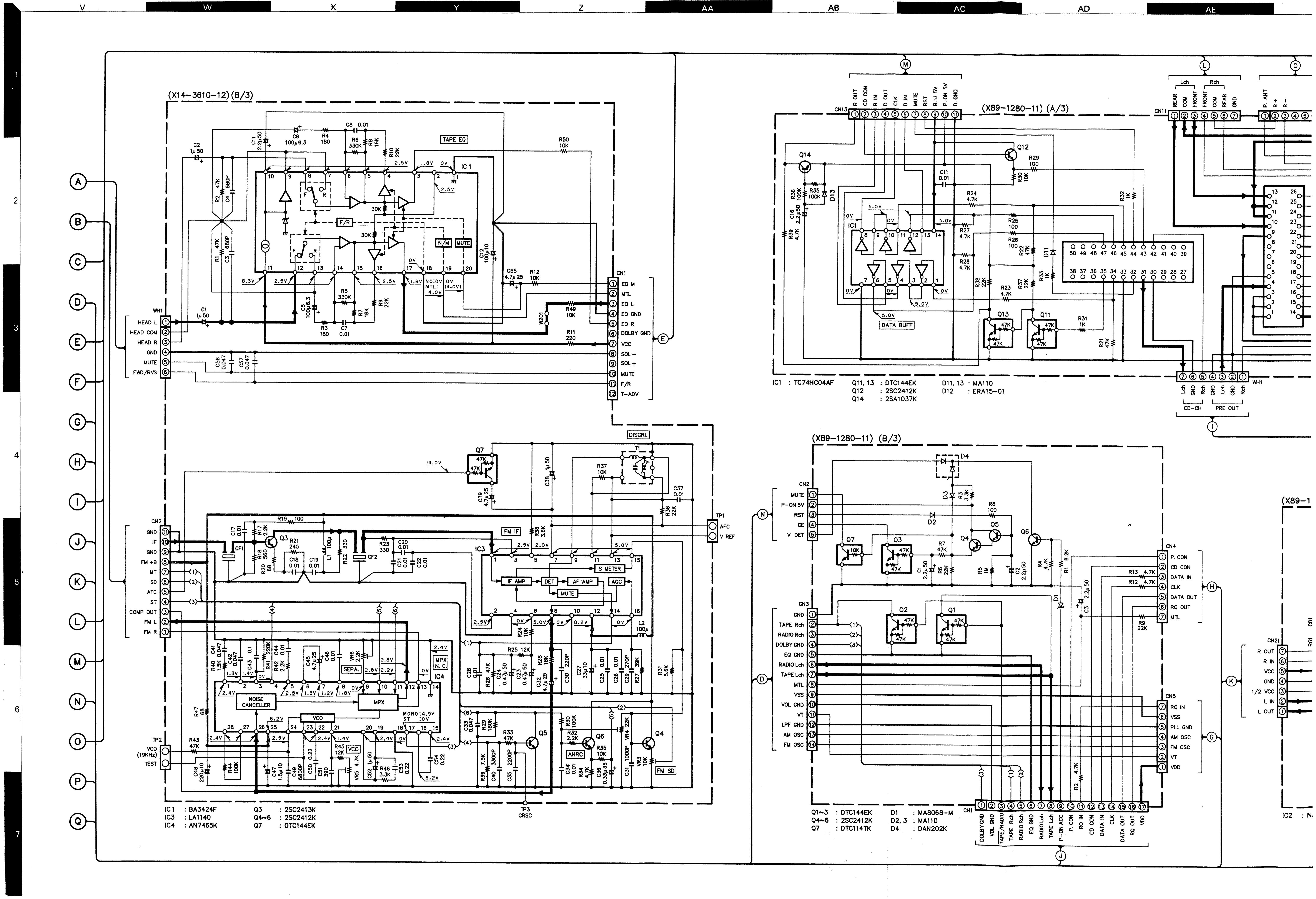
Die angegebenen Gleichspannungswerte wurden mit einem hochohmigen Spannungsmesser gemessen. Dabei schwanken die Meßwerte aufgrund von Unterschieden zwischen einzelnen Instrumenten oder Geräten u. U. geringfügig.

KRC-530

KENWOOD


V
W
X
Y
Z
AA
AB
AC
AD
AE
1
2
3
4
5
6
7
(X14-3610-12) (B/3)
TAPE EQ
IC1
F/R
N/M
MUTE
WH1
HEAD L
HEAD COM
HEAD R
GND
MUTE
FWD/RVS
CN1
EQ M
MTL
EQ L
EQ GND
EQ R
DOLBY GND
VCC
SOL −
SOL +
MUTE
F/R
T-ADV
W201
DISCRI.
T1
Q7
FM IF
IC3
IF AMP
DET
AF AMP
AGC
MUTE
S METER
TP1
AFC
V REF
CN2
GND
IF
GND
FM +B
MT
SD
AFC
ST
COMP OUT
FM L
FM R
CF1
CF2
Q3
SEPA.
MPX N.C.
IC4
NOISE CANCELLER
MPX
VCO
TP2
VCO (19KHz)
TEST
ANRC
FM SD
Q4
Q5
Q6
TP3
CRSC
(X89-1280-11) (A/3)
CN13
R OUT
CD CON
R IN
D OUT
CLK
D IN
MUTE
RST
B. U 5V
P. ON 5V
D. GND
Q12
Q14
D13
IC1
DATA BUFF
Q13
Q11
D11
CN11
Lch
Rch
REAR
COM
FRONT
COM
REAR
GND
P. ANT
R +
R −
WH1
CD-CH
PRE OUT
(X89-1280-11) (B/3)
D4
CN2
MUTE
P-ON 5V
RST
CE
V DET
CN3
GND
TAPE Rch
RADIO Rch
DOLBY GND
EQ GND
RADIO Lch
TAPE Lch
MTL
VSS
VOL GND
VT
LPF GND
AM OSC
FM OSC
CN4
P. CON
CD CON
DATA IN
CLK
DATA OUT
RQ OUT
MTL
CN5
RQ IN
VSS
PLL GND
AM OSC
FM OSC
VT
VDD
CN1
DOLBY GND
VOL GND
TAPE/RADIO
TAPE Rch
RADIO Rch
EQ GND
RADIO Lch
TAPE Lch
P-ON ACC
P. CON
RQ IN
CD CON
DATA IN
CLK
DATA OUT
RQ OUT
VDD
(X89-1
CN21
R OUT
R IN
VCC
GND
1/2 VCC
L IN
L OUT
IC2 : N

IC1 : BA3424F
IC3 : LA1140
IC4 : AN7465K

Q3 : 2SC2413K
Q4~6 : 2SC2412K
Q7 : DTC144EK

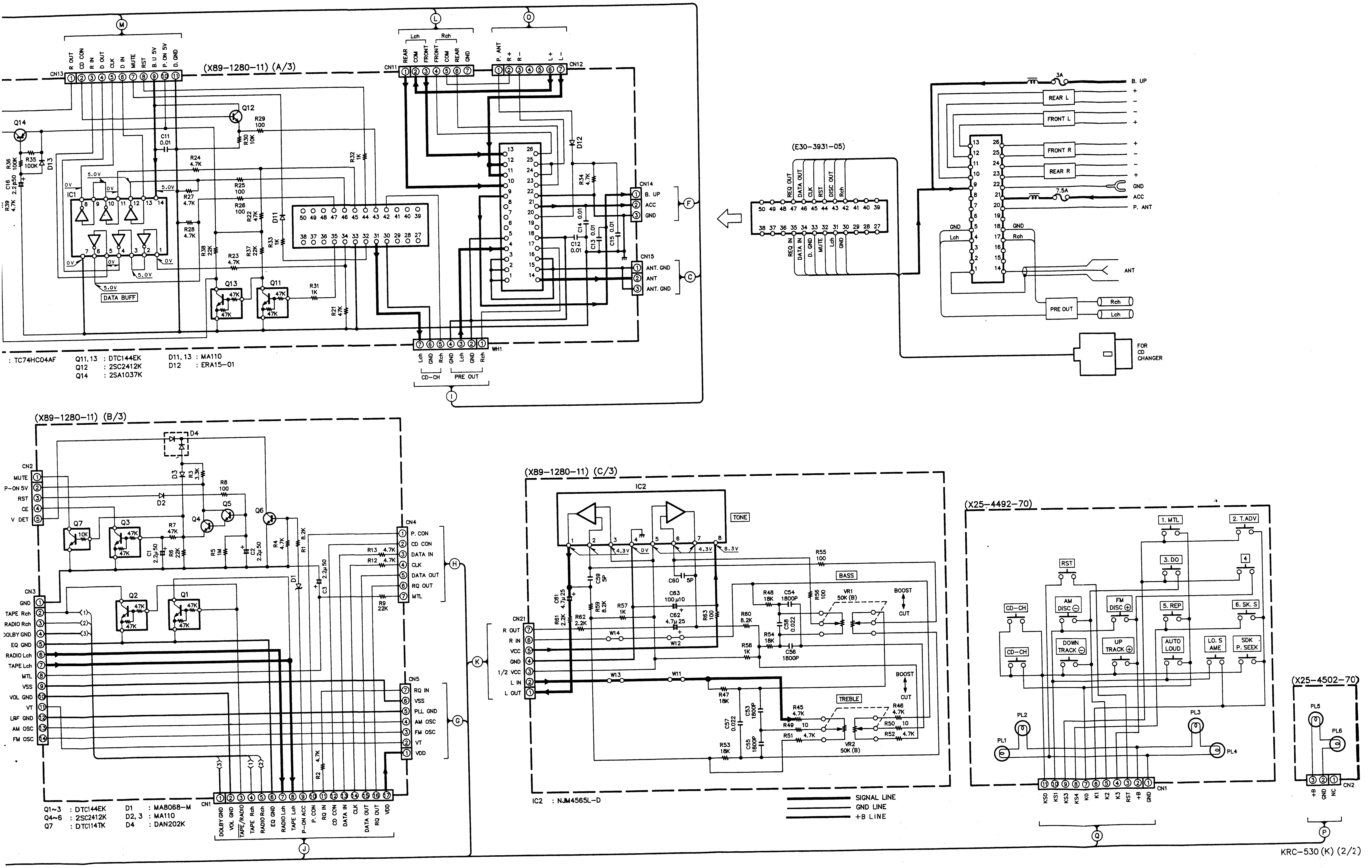
IC1 : TC74HC04AF

Q11, 13 : DTC144EK
Q12 : 2SC2412K
Q14 : 2SA1037K

D11, 13 : MA110
D12 : ERA15−01

Q1~3 : DTC144EK
Q4~6 : 2SC2412K
Q7 : DTC114TK

D1 : MA8068−M
D2, 3 : MA110
D4 : DAN202K


(X89-1280-11) (A/3)
CN13
R OUT
CD CON
R IN
D OUT
CLK
D IN
MUTE
RST
B.U 5V
P. ON 5V
D. GND
Q12
Q14
IC1
DATA BUFF
Q13
Q11
CN11
REAR
COM
FRONT
Lch
Rch
CN12
P. ANT
R +
R −
L +
L −
D12
CN14
B. UP
ACC
GND
CN15
ANT. GND
ANT
WH1
CD-CH
PRE OUT
(E30-3931-05)
REQ OUT
DATA OUT
CLK
RST
DISC OUT
REQ IN
DATA IN
D. GND
MUTE
REAR L
FRONT L
FRONT R
REAR R
B. UP
ACC
P. ANT
ANT
FOR CD CHANGER
(X89-1280-11) (B/3)
CN2
MUTE
P-ON 5V
RST
CE
V DET
CN3
GND
TAPE Rch
RADIO Rch
DOLBY GND
EQ GND
RADIO Lch
TAPE Lch
MTL
VSS
VOL GND
VT
LRF GND
AM OSC
FM OSC
CN4
P. CON
CD CON
DATA IN
CLK
DATA OUT
RQ OUT
MTL
CN5
RQ IN
VSS
PLL GND
AM OSC
FM OSC
VT
VDD
CN1
(X89-1280-11) (C/3)
IC2
TONE
CN21
R OUT
R IN
VCC
GND
1/2 VCC
L IN
L OUT
BASS
VR1 50K (B)
BOOST
CUT
TREBLE
VR2 50K (B)
(X25-4492-70)
1. MTL
2. T.ADV
RST
3. DO
4
CD-CH
AM DISC ⊖
FM DISC ⊕
5. REP
6. SK. S
DOWN TRACK ⊖
UP TRACK ⊕
AUTO LOUD
LO. S AME
SDK P. SEEK
PL1
PL2
PL3
PL4
KS0
KS1
KS2
KS3
KS4
K0
K1
K2
K3
RST
+B
GND
(X25-4502-70)
PL5
PL6
+B
GND
NC
CN2

: TC74HC04AF

Q11, 13 : DTC144EK
Q12 : 2SC2412K
Q14 : 2SA1037K

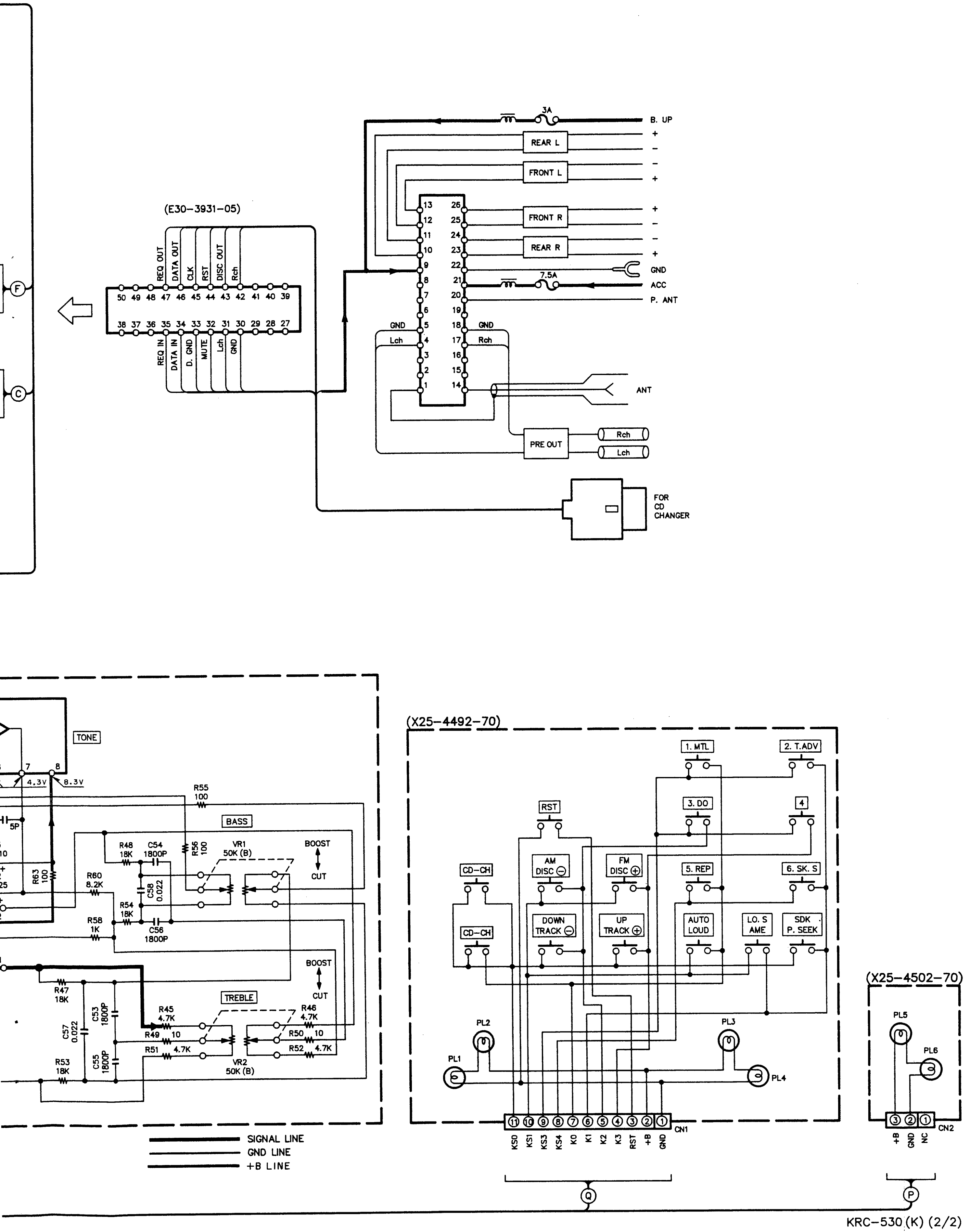
D11, 13 : MA110
D12 : ERA15−01

Q1~3 : DTC144EK
Q4~6 : 2SC2412K
Q7 : DTC114TK

D1 : MA8068−M
D2, 3 : MA110
D4 : DAN202K

IC2 : NJM4565L−D

SIGNAL LINE
GND LINE
+B LINE


(E30-3931-05)
REQ OUT
DATA OUT
CLK
RST
DISC OUT
Rch
50 49 48 47 46 45 44 43 42 41 40 39
38 37 36 35 34 33 32 31 30 29 28 27
REQ IN
DATA IN
D. GND
MUTE
Lch
GND
F
C
3A
B. UP
REAR L
FRONT L
FRONT R
REAR R
7.5A
GND
ACC
P. ANT
ANT
Lch
Rch
PRE OUT
FOR
CD
CHANGER
TONE
4.3V
8.3V
R55
100
BASS
R48
18K
C54
1800P
R56
100
VR1
50K (B)
BOOST
CUT
R63
100
R60
8.2K
C58
0.022
R54
18K
R58
1K
C56
1800P
5P
R47
18K
TREBLE
R45
4.7K
R46
4.7K
C53
1800P
C57
0.022
R49
10
R50
10
R51
4.7K
R52
4.7K
VR2
50K (B)
R53
18K
C55
1800P
SIGNAL LINE
GND LINE
+B LINE
(X25-4492-70)
1. MTL
2. T.ADV
3. DO
4
RST
5. REP
6. SK. S
CD-CH
AM
DISC ⊖
FM
DISC ⊕
DOWN
TRACK ⊖
UP
TRACK ⊕
AUTO
LOUD
LO. S
AME
SDK
P. SEEK
PL1
PL2
PL3
PL4
⑪ ⑩ ⑨ ⑧ ⑦ ⑥ ⑤ ④ ③ ② ①
CN1
KS0
KS1
KS3
KS4
K0
K1
K2
K3
RST
+B
GND
Q
(X25-4502-70)
PL5
PL6
③ ② ①
CN2
+B
GND
NC
P

KRC-530 (K) (2/2)

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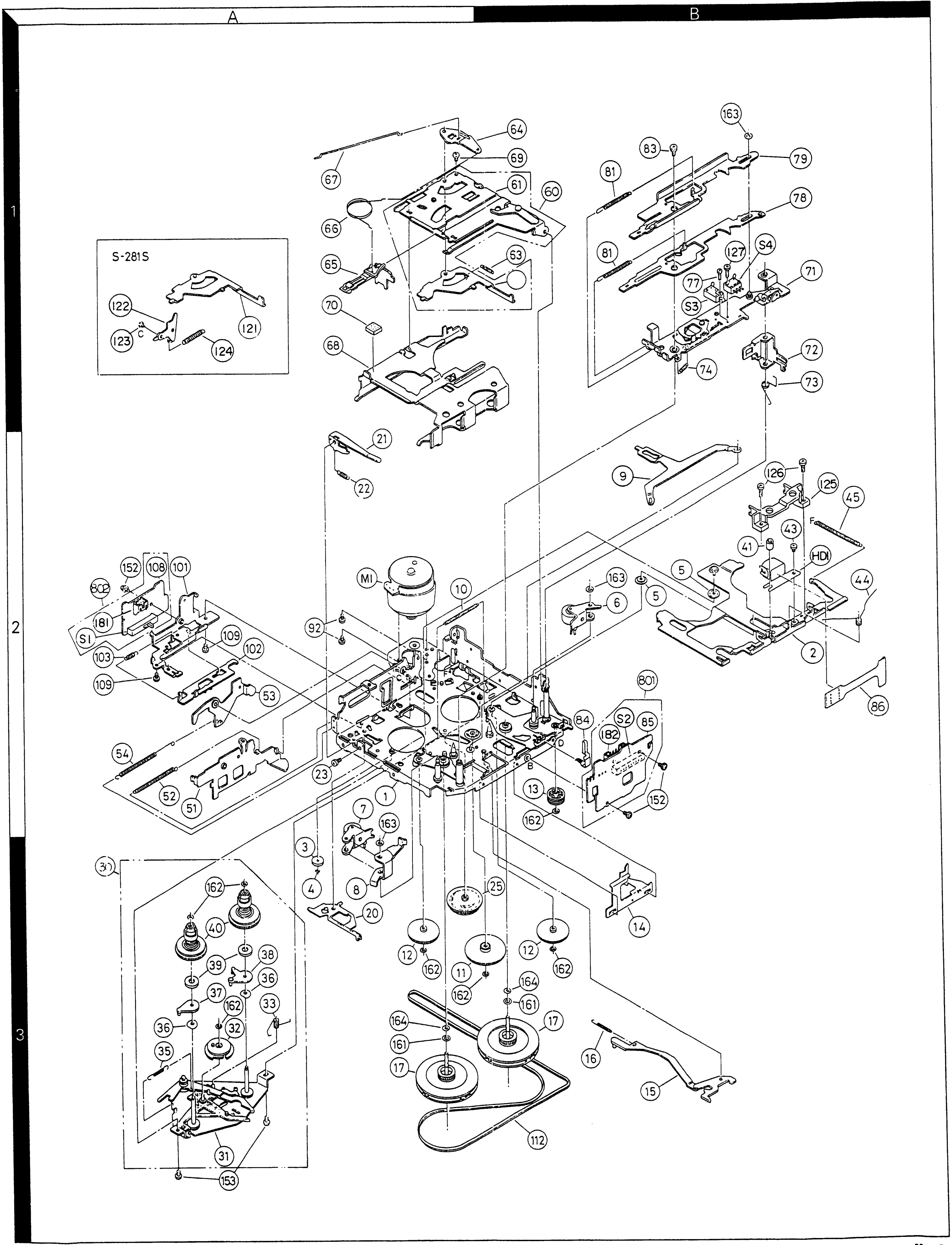
KRC-530

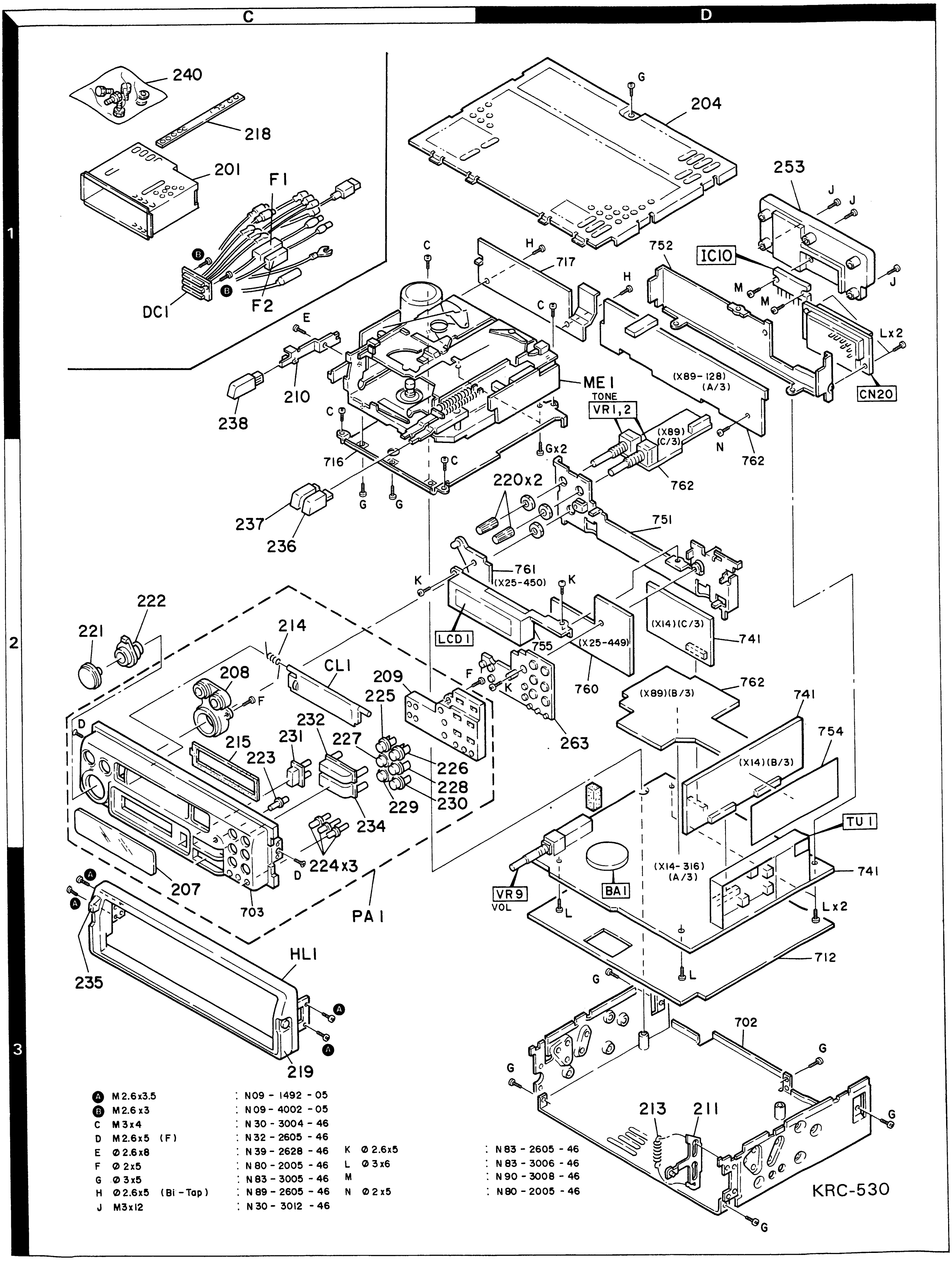
KENWOOD

EXPLODED VIEW (MECHANISM)


A
B
1
2
3
S-281S
121
122
123
C
124
64
67
69
61
60
66
63
65
70
68
163
83
79
81
78
81
127
S4
71
77
S3
72
74
73
21
22
9
126
125
45
43
41
HD1
44
5
5
2
86
M1
10
92
163
6
152
108
101
802
181
S1
109
103
102
109
53
54
52
51
23
1
7
163
3
4
8
20
801
84
S2
85
182
152
13
162
14
30
162
40
38
39
36
37
162
33
36
32
35
31
153
25
12
162
11
162
12
162
164
161
17
164
161
17
16
15
112

Parts with the exploded numbers larger than 700 are not supplied.

EXPLODED VIEW (UNIT)


C
D
1
2
3
240
218
201
F1
F2
DC1
204
G
253
J
J
J
IC10
M
M
Lx2
CN20
752
H
717
H
C
C
E
210
238
ME1
TONE
VR1,2
(X89-128)
(A/3)
(X89)
(C/3)
N
762
762
716
C
Gx2
C
G
G
220x2
237
236
751
761
(X25-450)
K
K
LCD1
755
(X25-449)
760
(X14)(C/3)
741
222
221
214
CL1
208
F
209
F
K
225
263
762
(X89)(B/3)
741
754
(X14)(B/3)
232
231
227
215
223
226
228
229
230
234
224x3
D
D
207
703
PA1
VR9
VOL
BA1
(X14-316)
(A/3)
TU1
741
L
Lx2
712
L
A
A
235
HL1
A
A
219
G
702
G
G
213
211
G
G
KRC-530

Ⓐ	M2.6x3.5	: N09 - 1492 - 05			
Ⓑ	M2.6x3	: N09 - 4002 - 05			
C	M3x4	: N30 - 3004 - 46			
D	M2.6x5 (F)	: N32 - 2605 - 46			
E	Ø2.6x8	: N39 - 2628 - 46	K	Ø2.6x5	: N83 - 2605 - 46
F	Ø2x5	: N80 - 2005 - 46	L	Ø3x6	: N83 - 3006 - 46
G	Ø3x5	: N83 - 3005 - 46	M		: N90 - 3008 - 46
H	Ø2.6x5 (Bi-Tap)	: N89 - 2605 - 46	N	Ø2x5	: N80 - 2005 - 46
J	M3x12	: N30 - 3012 - 46			

Parts with the exploded numbers larger than 700 are not supplied.

PARTS LIST

⁎ New Parts

Parts without **Parts No.** are not supplied.

Les articles non mentionnes dans le **Parts No.** ne sont pas fournis.

Teile ohne **Parts No.** werden nicht geliefert.

Ref. No. 参照番号	Address 位置	New Parts 新	Parts No. 部品番号	Description 部品名／規格	Destination 仕向	Remarks 備考
KRC-530						
201	1C		A01-2508-31	METALLIC CABINET		
204	1D	⁎	A52-0625-02	TOP COVER		
CL1	2C	⁎	A53-1524-03	CASSETTE LID		
PA1	2C	⁎	A20-7612-02	PANEL ASSY		
207	2C	⁎	B10-1382-03	FRONT GLASS		
208	2C	⁎	B19-0852-02	LIGHTING BOARD		
209	2C	⁎	B19-0853-02	LIGHTING BOARD		
-			B46-0100-20	WARRANTY CARD		
-			B46-0172-03	QUESTIONAIRE CARD		
-		⁎	B64-0060-00	INSTRUCTION MANUAL		
HL1	3C		B07-2014-32	ESCUTCHEON ASSY		
210	1C		D10-2522-14	LEVER		
211	3D		D10-2549-14	LEVER		
ME1	1C	⁎	D40-1023-05	CASSETTE MECHANISM ASSY		
DC1	1C		E30-3929-05	CONNECTOR ASSY		
F1	1C		F05-7521-05	FUSE (7.5A) ACC		
F2	1C		F06-3026-05	FUSE (3A) B.U.		
213	3D		G01-2040-04	EXTENSION SPRING		
214	2C		G01-2371-04	TORSION COIL SPRING		
215	2C	⁎	G11-1472-04	CUSHION		
-		⁎	H01-9215-04	ITEM CARTON CASE		
-		⁎	H03-3249-04	OUTER CARTON CASE		
-			H10-4322-23	POLYSTYRENE FOAMED FIXTURE		
-			H25-0329-04	PROTECTION BAG (280X450X0.03)		
-			H25-0336-04	PROTECTION BAG (170X250X0.03)		
218	1C		J54-0059-04	STAY		
219	3C		K01-0601-03	HANDLE		
220	2D		K23-1003-04	KNOB (TONE)		
221	2C	⁎	K23-1007-03	KNOB (VOL.)		
222	2C	⁎	K23-1008-03	KNOB (FAD.)		
223	2C		K24-0739-04	KNOB (RESET)		
224	2C	⁎	K24-0752-04	KNOB (AUTO···)		
225	2C	⁎	K24-0753-04	KNOB (P1)		
226	2C	⁎	K24-0754-04	KNOB (P2)		
227	2C	⁎	K24-0755-04	KNOB (P3)		
228	2C	⁎	K24-0756-04	KNOB (P4)		
229	2C	⁎	K24-0757-04	KNOB (P5)		
230	2C	⁎	K24-0758-04	KNOB (P6)		
231	2C	⁎	K24-0759-04	KNOB (CD-CH)		
232	2C	⁎	K25-0578-04	KNOB (AM-DISC+FM)		
234	2C	⁎	K25-0579-04	KNOB (TUNE)		
235	3C		K27-3510-04	KNOB (LEVER)		
236	2C		K27-3518-04	KNOB (BUTTON) (FF)		
237	2C		K27-3519-04	KNOB (BUTTON) (REW)		
238	1C		K27-3520-04	KNOB (BUTTON) (EJECT)		
240	1C		N99-0277-05	SCREW SET		
-			N19-2002-05	CORRUGATED WASHER		
-			N32-2008-45	FLAT HEAD MACHIN SCREW		
A	3C		N09-1492-05	MACHINE SCREW (2.6X3.5)		
B	1C		N09-4002-05	STEPPED SCREW (M2.6X3)		

E: Scandinavia & Europe K: USA P: Canada W:Europe

U: PX(Far East, Hawaii) T: England M: Other Areas

UE: AAFES(Europe) X: Australia

⚠ indicates safety critical components.

PARTS LIST

⁎ New Parts

Parts without Parts No. are not supplied.

Les articles non mentionnes dans le Parts No. ne sont pas fournis.

Telle ohne Parts No. werden nicht geliefert.

Ref. No. 参照番号	Address 位置	New Parts 新	Parts No. 部品番号	Description 部品名／規格	Desti- nation 仕向	Re- marks 備考
C	1C		N30-3004-46	PAN HEAD MACHIN SCREW		
D	2C		N32-2605-46	FLAT HEAD MACHIN SCREW		
E	1C		N39-2628-46	PAN HEAD MACHIN SCREW		
F	2C		N80-2005-46	PAN HEAD TAPTITE SCREW		
G	3D		N83-3005-46	PAN HEAD TAPTITE SCREW		
H	1D		N89-2605-46	BINDING HEAD TAPTITE SCREW		
BA1	3D		W09-0726-05	BATTERY		

SYNTHESIZER UNIT (X14-3160-12)

Ref. No. 参照番号	Address 位置	New Parts 新	Parts No. 部品番号	Description 部品名／規格	Desti- nation 仕向	Re- marks 備考
LCD1	2D	*	D38-0526-05	LIQUID CRYSTAL		
C1 ,2			CE04NW1H010M	ELECTOR 1.0UF 50WV		
C3 ,4			CK73FB1H681K	CHIP C 680PF K		
C5 ,6			CE04NW0J101M	ELECTRO 100UF 6.3WV		
C7 ,8			CK73FB1H103K	CHIP C 0.010UF K		
C11			CE04NW1H2R2M	ELECTRO 2.2UF 50WV		
C12			CE04NW1A101M	ELECTRO 100UF 10WV		
C17 -22			CK73FB1H103K	CHIP C 0.010UF K		
C23 ,24			CE04NW1HR47M	ELECTRO 0.47UF 50WV		
C25 ,26			CK73FB1H103K	CHIP C 0.010UF K		
C27			CE04NW1A330M	ELECTRO 33UF 10WV		
C28			CK73FB1H103K	CHIP C 0.010UF K		
C29			CK73FB1H271K	CHIP C 270PF K		
C30			CK73FB1H221K	CHIP C 220PF K		
C31			CK73FB1H102K	CHIP C 1000PF K		
C32			CE04NW1E4R7M	ELECTRO 4.7UF 25WV		
C33			C92-0005-05	ELECTRO 2.2UF 6.3WV		
C34			CK73FB1H103K	CHIP C 0.010UF K		
C35			CK73FB1H222K	CHIP C 2200PF K		
C36			C92-0502-05	ELECTRO 0.33UF 35WV		
C37			CK73FB1H103K	CHIP C 0.010UF K		
C38			CE04NW1H010M	ELECTOR 1.0UF 50WV		
C39			CE04NW1E4R7M	ELECTRO 4.7UF 25WV		
C40			CK73FB1H332K	CHIP C 3300PF K		
C41 ,42			CK73FB1E473KTA	CHIP C 0.047UF K		
C43			CK73EB1E104K	CHIP C 0.10UF K		
C44			CK73FB1H103K	CHIP C 0.010UF K		
C45			CE04NW1E4R7M	ELECTRO 4.7UF 25WV		
C46			CK73FB1H103K	CHIP C 0.010UF K		
C47			CK73EB1H103K	CHIP C 0.01UF K		
C48			CE04CW1A101M	ELECTRO 100UF 10WV		
C49			CK73FB1H682K	CHIP C 6800PF K		
C50			C93-0025-05	CERAMIC 0.22UF K		
C51			CQ92P2A391J	MYLAR 390PF J		
C52			CK73EB1E104K	CHIP C 0.10UF K		
C53 ,54			C93-0025-05	CERAMIC 0.22UF K		
C55			CE04NW1E4R7M	ELECTRO 4.7UF 25WV		
C56			CK73EB1H473K	CHIP C 0.047UF K		
C61 ,62		*	C90-2554-05	ELECTRO 10UF 16WV		
C63			C90-2546-05	ELECTRO 220UF 6.3WV		
C64 ,65			C90-2550-05	ELECTRO 100UF 10WV		
C66 -70		*	C90-2554-05	ELECTRO 10UF 16WV		
C71 ,72		*	C90-2557-05	ELECTRO 2.2UF 50WV		
C73 ,74		*	C90-2554-05	ELECTRO 10UF 16WV		
C75			C90-2550-05	ELECTRO 100UF 10WV		

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PARTS LIST

⁎ New Parts

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Ref. No. 参照番号	Address 位置	New Parts 新	Parts No. 部品番号	Description 部品名／規格	Destination 仕向	Remarks 備考
C76 ,77			CK73FB1H561K	CHIP C 560PF K		
C101,102			CK73FB1H223KTA	CHIP C 0.022UF K		
C103,104			CK73FB1H182K	CHIP C 1800PF K		
C107,108			CE04CW1C100M	ELECTRO 10UF 16WV		
C113			C92-0005-05	ELECTRO 2.2UF 6.3WV		
C126			CE04DW1C101M	ELECTRO 100UF 16WV		
C129,130			CE04CW1HR47M	ELECTRO 0.47UF 50WV		
C131			C92-0005-05	ELECTRO 2.2UF 6.3WV		
C132			CE04CW1A101M	ELECTRO 100UF 10WV		
C133,134			CK73FB1H103K	CHIP C 0.010UF K		
C135			C90-2525-05	NP-ELECT 2.2UF 35WV		
C136			CE04CW1A101M	ELECTRO 100UF 10WV		
C137,138			C90-2524-05	ELECTRO 4.7UF 16WV		
C139,140			CE04CW1A470M	ELECTRO 47UF 10WV		
C141,142			CK73FB1H272K	CHIP C 2700PF K		
C145			CK73EB1H103K	CHIP C 0.01UF K		
C146			CE04DW1A101M	ELECTRO 100UF 10WV		
C147,148			CK73FB1H103K	CHIP C 0.010UF K		
C149-152			CK73EB1E104K	CHIP C 0.10UF K		
C153			CK73FB1H103K	CHIP C 0.010UF K		
C154			CE04DW1A102M	ELECTRO 1000UF 10WV		
C155,156			CK73EB1E683K	CHIP C 0.068UF K		
C157			CE04CW1A330M	ELECTRO 33UF 10WV		
C158			CK73FB1H103K	CHIP C 0.010UF K		
C160			CK73FB1H103K	CHIP C 0.010UF K		
C161,162			CK73EB1E104K	CHIP C 0.10UF K		
C181			CK73FB1H103K	CHIP C 0.010UF K		
C182,183			C90-2537-05	ELECTRO 2200UF 16WV		
C184			CE04CW1V4R7M	ELECTRO 4.7UF 35WV		
C185			CE04CW1A330M	ELECTRO 33UF 10WV		
C186-188			CE04CW1V4R7M	ELECTRO 4.7UF 35WV		
C189			CK73FB1H103K	CHIP C 0.010UF K		
C190			CE04CW1A101M	ELECTRO 100UF 10WV		
C191			CK73EB1H473K	CHIP C 0.047UF K		
C192			CK73FB1H103K	CHIP C 0.010UF K		
C193,194			CC73FCH1H220J	CHIP C 22PF J		
C195			CK73FB1H103K	CHIP C 0.010UF K		
C197		⁎	C90-2579-05	ELECTRO 100UF 10WV		
C198			C92-0005-05	ELECTRO 2.2UF 6.3WV		
C199			CE04NW1H2R2M	ELECTRO 2.2UF 50WV		
C200			CE04CW1V4R7M	ELECTRO 4.7UF 35WV		
C202			CK73EB1H103K	CHIP C 0.01UF K		
253	1D	⁎	F01-1361-03	HEAT SINK		
LH1			J19-4316-05	HOLDER		
CF1 ,2			L72-0523-05	CERAMIC FILTER		
L1 -4			L40-4791-17	SMALL FIXED INDUCTOR(4.7UH,K)		
L5			L40-1011-17	SMALL FIXED INDUCTOR		
T1			L30-0462-15	FM IFT		
X1			L77-1163-05	CRYSTAL RESONATOR		
J	1D		N30-3012-46	PAN HEAD MACHIN SCREW		
K	2D		N83-2605-46	PAN HEAD TAPTITE SCREW		
L	1D,3D		N83-3006-46	PAN HEAD TAPTITE SCREW		
M	1D		N90-3008-46	TP HEAD MACHINE SCREW		

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KRC-530

PARTS LIST

⁎ New Parts
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Ref. No. 参照番号	Address 位置	New Parts 新	Parts No. 部品番号	Description 部品名／規格	Destination 仕向	Remarks 備考
R1 ,2			RK73FB2A683J	CHIP R 68K J 1/10W		
R3 ,4			RK73EB2B181J	CHIP R 180 J 1/8W		
R5 ,6			RK73FB2A334J	CHIP R 330K J 1/10W		
R7 ,8			RK73FB2A163J	CHIP R 16K J 1/10W		
R9 ,10			RK73FB2A243J	CHIP R 24K J 1/10W		
R11			RK73FB2A220J	CHIP R 22 J 1/10W		
R12			RK73FB2A103J	CHIP R 10K J 1/10W		
R17			RK73FB2A222J	CHIP R 2.2K J 1/10W		
R18			RK73FB2A561J	CHIP R 560 J 1/10W		
R19			RK73EB2B101J	CHIP R 100 J 1/8W		
R20			RK73FB2A680J	CHIP R 68 J 1/10W		
R21			RK73FB2A241J	CHIP R 240 J 1/10W		
R22 ,23			RK73FB2A331J	CHIP R 330 J 1/10W		
R24			RK73FB2A103J	CHIP R 10K J 1/10W		
R25			RK73FB2A123J	CHIP R 12K J 1/10W		
R26			RK73FB2A473J	CHIP R 47K J 1/10W		
R27			RK73FB2A393J	CHIP R 39K J 1/10W		
R28			RK73FB2A183J	CHIP R 18K J 1/10W		
R29			RK73FB2A184J	CHIP R 180K J 1/10W		
R30			RK73FB2A104J	CHIP R 100K J 1/10W		
R31			RK73FB2A562J	CHIP R 5.6K J 1/10W		
R32			RK73FB2A222J	CHIP R 2.2K J 1/10W		
R33			RK73FB2A473J	CHIP R 47K J 1/10W		
R34			RK73FB2A472J	CHIP R 4.7K J 1/10W		
R35			RK73FB2A103J	CHIP R 10K J 1/10W		
R36			RK73FB2A223J	CHIP R 22K J 1/10W		
R37			RK73FB2A103J	CHIP R 10K J 1/10W		
R38			RK73FB2A362J	CHIP R 3.6K J 1/10W		
R39			RK73FB2A752J	CHIP R 7.5K J 1/10W		
R40			RK73EB2B152J	CHIP R 1.5K J 1/8W		
R41			RK73FB2A224J	CHIP R 220K J 1/10W		
R42			RK73FB2A222J	CHIP R 2.2K J 1/10W		
R43			RK73FB2A473J	CHIP R 47K J 1/10W		
R44			RK73FB2A104J	CHIP R 100K J 1/10W		
R45			RK73FB2A123J	CHIP R 12K J 1/10W		
R46			RK73FB2A332J	CHIP R 3.3K J 1/10W		
R47			RK73FB2A680J	CHIP R 68 J 1/10W		
R49 ,50			RK73EB2B103J	CHIP R 10K J 1/8W		
R61 ,62			RK73FB2A912J	CHIP R 9.1K J 1/10W		
R63 ,64			RK73FB2A473J	CHIP R 47K J 1/10W		
R65 ,66			RK73FB2A512J	CHIP R 5.1K J 1/10W		
R67 ,68			RK73FB2A432J	CHIP R 4.3K J 1/10W		
R69 ,70			RK73FB2A183J	CHIP R 18K J 1/10W		
R71			RK73FB2A101J	CHIP R 100 J 1/10W		
R73			RK73FB2A102J	CHIP R 1.0K J 1/10W		
R74			RK73FB2A203J	CHIP R 20K J 1/10W		
R75 ,76			RK73FB2A103J	CHIP R 10K J 1/10W		
R77			RK73FB2A203J	CHIP R 20K J 1/10W		
R78			RK73FB2A221J	CHIP R 220 J 1/10W		
R79 ,80			RK73FB2A473J	CHIP R 47K J 1/10W		
R81 ,82			RK73FB2A122J	CHIP R 1.2K J 1/10W		
R83 ,84			RK73FB2A822J	CHIP R 8.2K J 1/10W		
R85 ,86			RK73FB2A101J	CHIP R 100 J 1/10W		
R87 ,88			RK73FB2A472J	CHIP R 4.7K J 1/10W		
R100			RK73FB2A152J	CHIP R 1.5K J 1/10W		

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Ref. No. 参照番号	Address 位置	New Parts 新	Parts No. 部品番号	Description 部品名／規格	Destination 仕向	Remarks 備考
R101,102			RK73FB2A393J	CHIP R 39K J 1/10W		
R103,104			RK73EB2B472J	CHIP R 4.7K J 1/8W		
R107			RK73EB2B223J	CHIP R 22K J 1/8W		
R132			RK73FB2A101J	CHIP R 100 J 1/10W		
R133-136			RK73FB2A472J	CHIP R 4.7K J 1/10W		
R137,138			RK73EB2B102J	CHIP R 1.0K J 1/8W		
R141			RK73EB2B332J	CHIP R 3.3K J 1/8W		
R142			RK73FB2A103J	CHIP R 10K J 1/10W		
R143,144			RK73FB2A472J	CHIP R 4.7K J 1/10W		
R145,146			RK73FB2A102J	CHIP R 1.0K J 1/10W		
R147,148			RK73EB2B100J	CHIP R 10 J 1/8W		
R151-154			RK73EB2B2R2J	CHIP R 2.2 J 1/8W		
R156			RK73FB2A103J	CHIP R 10K J 1/10W		
R157			RK73EB2B180J	CHIP R 18 J 1/8W		
R158			RK73FB2A102J	CHIP R 1.0K J 1/10W		
R159			RK73FB2A471J	CHIP R 470 J 1/10W		
R160			RK73FB2A473J	CHIP R 47K J 1/10W		
R161			RK73EB2B102J	CHIP R 1.0K J 1/8W		
R162			RK73FB2A102J	CHIP R 1.0K J 1/10W		
R163			RK73FB2A333J	CHIP R 33K J 1/10W		
R164			RK73FB2A393J	CHIP R 39K J 1/10W		
R165			RK73EB2B180J	CHIP R 18 J 1/8W		
R166,167			RK73EB2B102J	CHIP R 1.0K J 1/8W		
R168			RK73EB2B223J	CHIP R 22K J 1/8W		
R169			RK73FB2A472J	CHIP R 4.7K J 1/10W		
R171,172			RK73FB2A103J	CHIP R 10K J 1/10W		
R173			RK73FB2A101J	CHIP R 100 J 1/10W		
R174			RK73FB2A222J	CHIP R 2.2K J 1/10W		
R175-177			RK73FB2A473J	CHIP R 47K J 1/10W		
R178			RK73FB2A101J	CHIP R 100 J 1/10W		
R179			RK73FB2A272J	CHIP R 2.7K J 1/10W		
R180			RK73FB2A222J	CHIP R 2.2K J 1/10W		
R196			RK73FB2A103J	CHIP R 10K J 1/10W		
R197			RK73FB2A472J	CHIP R 4.7K J 1/10W		
R198			RK73FB2A223J	CHIP R 22K J 1/10W		
R199			RK73FB2A332J	CHIP R 3.3K J 1/10W		
R201			R92-2021-05	CHIP R 2.2 J 1/2W		
R202			RK73FB2A222J	CHIP R 2.2K J 1/10W		
R203			RK73FB2A103J	CHIP R 10K J 1/10W		
R204-207			RK73FB2A102J	CHIP R 1.0K J 1/10W		
R208-212			RK73FB2A472J	CHIP R 4.7K J 1/10W		
R213,214			RK73FB2A473J	CHIP R 47K J 1/10W		
R215,216			RK73FB2A223J	CHIP R 22K J 1/10W		
R217			RK73FB2A102J	CHIP R 1.0K J 1/10W		
R218			RK73FB2A103J	CHIP R 10K J 1/10W		
R219			RK73FB2A223J	CHIP R 22K J 1/10W		
R221			RK73FB2A102J	CHIP R 1.0K J 1/10W		
R222			RK73FB2A223J	CHIP R 22K J 1/10W		
R223,224			RK73FB2A472J	CHIP R 4.7K J 1/10W		
R225			RK73FB2A102J	CHIP R 1.0K J 1/10W		
R226			RK73EB2B102J	CHIP R 1.0K J 1/8W		
R227			RK73FB2A102J	CHIP R 1.0K J 1/10W		
R229			RK73FB2A472J	CHIP R 4.7K J 1/10W		
R230			RK73FB2A332J	CHIP R 3.3K J 1/10W		
R231			RK73FB2A104J	CHIP R 100K J 1/10W		

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Ref. No. 参照番号	Address 位置	New Parts 新	Parts No. 部品番号	Description 部品名／規格	Desti-nation 仕向	Re-marks 備考
R232			RK73FB2A472J	CHIP R 4.7K J 1/10W		
R233			RK73FB2A102J	CHIP R 1.0K J 1/10W		
R234,235			RK73FB2A223J	CHIP R 22K J 1/10W		
R236			RK73FB2A472J	CHIP R 4.7K J 1/10W		
R237			RK73FB2A103J	CHIP R 10K J 1/10W		
R238,239			RK73FB2A473J	CHIP R 47K J 1/10W		
R240,241			RK73FB2A223J	CHIP R 22K J 1/10W		
R242			RK73FB2A102J	CHIP R 1.0K J 1/10W		
R245-249			RK73FB2A102J	CHIP R 1.0K J 1/10W		
R250			RK73FB2A101J	CHIP R 100 J 1/10W		
R251,252			RK73FB2A472J	CHIP R 4.7K J 1/10W		
R253			RK73FB2A223J	CHIP R 22K J 1/10W		
VR3			R12-3127-05	TRIMMING POT.(10K ﾀﾃ)		
VR4			R12-3129-05	TRIMMING POT.(22K ﾀﾃ)		
VR5			R12-1090-05	TRIMMING POT.(4.7K ﾀﾃ)		
VR6			R12-1086-05	TRIMMING POT.(2.2K ﾀﾃ)		
VR7			R12-3685-05	TRIMMING POT.(10K ﾌｾ)		
VR9		*	R24-3646-05	POTENTIOMETER(80X1,20KX3)(VOL)		
W1 -65			R92-2053-05	JUMPER WIRE (RESISTOR TYPE)		
W81 -113			R92-2052-05	JUMPER WIRE (RESISTOR TYPE)		
W201			R92-2052-05	JUMPER WIRE (RESISTOR TYPE)		
W204,205			R92-2052-05	JUMPER WIRE (RESISTOR TYPE)		
W207,208			R92-2053-05	JUMPER WIRE (RESISTOR TYPE)		
W215			R92-2052-05	JUMPER WIRE (RESISTOR TYPE)		
D2			MA110	DIODE		
D2			1SS332	DIODE		
D3			RD6.2JS(B2)	ZENER DIODE		
D4			DAP202K	DIODE		
D5 -8			MA110	DIODE		
D5 -8			1SS332	DIODE		
D9 ,10			1S1555	DIODE		
D11			MA110	DIODE		
D11			1SS332	DIODE		
D12 ,13			ERA15-01	DIODE		
D14 -17			MA110	DIODE		
D14 -17			1SS332	DIODE		
D18			MA8068-M	ZENER DIODE		
D19			MA110	DIODE		
D19			1SS332	DIODE		
D20			SD184-1	DIODE		
D21 ,22			MA110	DIODE		
D21 ,22			1SS332	DIODE		
D23			HZS11B2L	ZENER DIODE		
D24 -27			MA110	DIODE		
D24 -27			1SS332	DIODE		
D28 -35			1SS176	DIODE		
D37			1SS176	DIODE		
D38 -40			MA110	DIODE		
D38 -40			1SS332	DIODE		
D41 ,42			DAN202K	DIODE		
D43			MA110	DIODE		
D43			1SS332	DIODE		
D44			ERA15-01	DIODE		
D45 ,46			MA110	DIODE		

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D45 ,46			1SS332	DIODE		
IC1			BA3424F	IC		
IC3			LA1140-K	IC(FM IF)		
IC4			AN7465K	IC(N.C./MPX)		
IC5			M5280FP	IC		
IC6 ,7			NJM4565MD	IC(OP AMP X2)		
IC10			TA8215H	IC(POWER AMP)		
IC11		*	BA3906-V1	IC(POWER SUPPLY)		
IC12		*	1723GF-554-3BE	IC(MICRO PROCESSOR)		
IC13			TC4081BF	IC(AND X4)		
Q3			2SC2413K	TRANSISTOR		
Q4 -6			2SC2412K	TRANSISTOR		
Q7			DTC144EK	DIGITAL TRANSISTOR		
Q10 -14			DTC144EK	DIGITAL TRANSISTOR		
Q17 -20			2SD1757K	TRANSISTOR		
Q21 ,22			2SK433	FET		
Q23 ,24			DTC144EK	DIGITAL TRANSISTOR		
Q27			DTA144EK	DIGITAL TRANSISTOR		
Q29			DTC144EK	DIGITAL TRANSISTOR		
Q30 -32			2SC2412K	TRANSISTOR		
Q34			DTA114EK	DIGITAL TRANSISTOR		
Q35			DTC144EK	DIGITAL TRANSISTOR		
Q36			DTA144EK	DIGITAL TRANSISTOR		
Q37		*	2SB1370	TRANSISTOR		
Q38			2SC2412K	TRANSISTOR		
Q39			DTA144EK	DIGITAL TRANSISTOR		
Q40 -44			DTC144EK	DIGITAL TRANSISTOR		
Q46 ,47			2SA1037K	TRANSISTOR		
Q49			DTC144EK	DIGITAL TRANSISTOR		
Q51 -54			2SC2412K	TRANSISTOR		
Q55			DTA144EK	DIGITAL TRANSISTOR		
Q56			DTC144EK	DIGITAL TRANSISTOR		
Q57			2SA1428(O,Y)	TRANSISTOR		
TU1	3D		W02-1281-05	TUNER ASSY		
SWITCH UNIT (X25-4492-70)						
PL1 -4			B30-1346-05	LAMP (5.5V.125A AMB)		
263	2D	*	E29-1336-03	CONDUCTIVE RUBBER		
SUB CIRCUIT UNIT (X25-4502-70)						
PL5			B30-1346-05	LAMP (5.5V.125A AMB)		
PL6			B30-1350-05	LAMP (5.5V,125MA)		
DAUGHTER UNIT (X89-1280-11)						
C1 -3			C92-0005-05	ELECTRO 2.2UF 6.3WV		
C11 ,12			CK73EB1H103K	CHIP C 0.01UF K		
C13 -15			CK73FB1H103K	CHIP C 0.010UF K		
C16			C92-0005-05	ELECTRO 2.2UF 6.3WV		
C53 -56			CK73FB1H182K	CHIP C 1800PF K		
C57 ,58			CK73FB1H223KTA	CHIP C 0.022UF K		
C59 ,60			CC73FCH1H050C	CHIP C 5PF C		
C61 ,62			CE04DW1C100M	ELECTRO 10UF 16WV		
C63			CE04DW1A101M	ELECTRO 100UF 10WV		
CN20	1D		E08-4001-05	RECTANGULAR RECEPTACLE		

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N	1D		N80-2005-46	PAN HEAD TAPTITE SCREW		
R1 ,2			RK73FB2A472J	CHIP R 4.7K J 1/10W		
R3			RK73EB2B103J	CHIP R 10K J 1/8W		
R4			RK73FB2A472J	CHIP R 4.7K J 1/10W		
R5			RK73FB2A105J	CHIP R 1.0M J 1/10W		
R6			RK73FB2A223J	CHIP R 22K J 1/10W		
R7			RK73FB2A473J	CHIP R 47K J 1/10W		
R8			RK73EB2B101J	CHIP R 100 J 1/8W		
R9			RK73FB2A223J	CHIP R 22K J 1/10W		
R10 -13			RK73FB2A472J	CHIP R 4.7K J 1/10W		
R21			RK73FB2A473J	CHIP R 47K J 1/10W		
R22			RK73EB2B473J	CHIP R 47K J 1/8W		
R23			RK73FB2A472J	CHIP R 4.7K J 1/10W		
R24			RK73EB2B472J	CHIP R 4.7K J 1/8W		
R25 ,26			RK73FB2A101J	CHIP R 100 J 1/10W		
R27 ,28			RK73FB2A472J	CHIP R 4.7K J 1/10W		
R29			RK73FB2A101J	CHIP R 100 J 1/10W		
R30			RK73EB2B103J	CHIP R 10K J 1/8W		
R31 -33			RK73FB2A102J	CHIP R 1.0K J 1/10W		
R34			RK73FB2A472J	CHIP R 4.7K J 1/10W		
R35 ,36			RK73FB2A104J	CHIP R 100K J 1/10W		
R37 ,38			RK73FB2A223J	CHIP R 22K J 1/10W		
R45			RK73FB2A472J	CHIP R 4.7K J 1/10W		
R46			RK73EB2B472J	CHIP R 4.7K J 1/8W		
R47 ,48			RK73EB2B183J	CHIP R 18K J 1/8W		
R49 ,50			RK73EB2B100J	CHIP R 10 J 1/8W		
R51			RK73FB2A472J	CHIP R 4.7K J 1/10W		
R52			RK73EB2B472J	CHIP R 4.7K J 1/8W		
R53 ,54			RK73EB2B183J	CHIP R 18K J 1/8W		
R55 ,56			RK73EB2B101J	CHIP R 100 J 1/8W		
R57			RK73FB2A102J	CHIP R 1.0K J 1/10W		
R58			RK73EB2B102J	CHIP R 1.0K J 1/8W		
R59 ,60			RK73FB2A822J	CHIP R 8.2K J 1/10W		
R61 ,62			RK73FB2A222J	CHIP R 2.2K J 1/10W		
R63			RK73FB2A101J	CHIP R 100 J 1/10W		
VR1 ,2			R10-4031-15	POTENTIOMETER		
W1 ,2			R92-2052-05	JUMPER WIRE (RESISTOR TYPE)		
W3 -6			R92-2053-05	JUMPER WIRE (RESISTOR TYPE)		
W11 -14			R92-2052-05	JUMPER WIRE (RESISTOR TYPE)		
W17			R92-2053-05	JUMPER WIRE (RESISTOR TYPE)		
W21			R92-2052-05	JUMPER WIRE (RESISTOR TYPE)		
W22 -31			R92-2053-05	JUMPER WIRE (RESISTOR TYPE)		
D1			MA8068-M	ZENER DIODE		
D2 ,3			MA110	DIODE		
D2 ,3			1SS332	DIODE		
D4			DAN202K	DIODE		
D11			MA110	DIODE		
D11			1SS332	DIODE		
D12			ERA15-01	DIODE		
D13			MA110	DIODE		
D13			1SS332	DIODE		
IC1			TC74HC04AF	IC(INVERTER)		
IC2			NJM4565L-D	IC(OP AMP X2)		

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PARTS LIST

⋇ New Parts

Parts without Parts No. are not supplied.

Les articles non mentionnes dans le Parts No. ne sont pas fournis.

Teile ohne Parts No. werden nicht geliefert.

Ref. No. 参照番号	Address 位置	New Parts 新	Parts No. 部品番号	Description 部品名／規格	Destination 仕向	Remarks 備考
Q1 -3			DTC144EK	DIGITAL TRANSISTOR		
Q4 -6			2SC2412K	TRANSISTOR		
Q7			DTC114TK	DIGITAL TRANSISTOR		
Q11			DTC144EK	DIGITAL TRANSISTOR		
Q12			2SC2412K	TRANSISTOR		
Q13			DTC144EK	DIGITAL TRANSISTOR		
Q14			2SA1037K	TRANSISTOR		
CASSETTE MECHANISM ASSY (D40-1023-05)						
1	2A		A10-2089-08	CHASSIS CALKED ASSY		
2	2B		J21-7207-08	MOUNTING HARDWARE		
3	3A		D14-0616-08	ROLLER A		
4	3A		N24-3012-41	E TYPE RETAINING RING		
5	2B		D14-0617-08	ROLLER B		
6	2B		D14-0618-08	PINCH ROLLER F		
7	3A		D14-0619-08	PINCH ROLLER R		
8	3A		D10-2666-08	LEVER (FR CAM)		
9	2B		D10-2667-08	LEVER (PROGRAM)		
10	2A		G01-2560-08	TENSION SPRING		
11	3A		D13-1079-08	GEAR (IDLE)		
12	3A, 3B		D13-1081-08	GEAR (TAKE UP)		
13	2B		D15-0908-08	PULLEY		
14	3B		D10-2668-08	LEVER		
15	3B		D10-2679-08	LEVER		
16	3B		G01-2557-08	TENSION SPRING		
17	3A, 3B		D01-0603-08	FLYWHEEL		
20	3A		D10-2669-08	LEVER		
21	2A		D10-2670-08	LEVER (LOCK)		
22	2A		G01-2218-08	TENSION SPRING		
23	2A		N84-2004-45	SCREW (M2X4)		
25	3A		D13-1078-08	GEAR		
30	3A		A11-0848-08	SUB CHASSIS ASSY		
31	3A		A11-0847-08	SUB CHASSIS ASSY		
32	3A		D13-1077-08	GEAR (SWITCHING)		
33	3A		G01-2563-08	TORSION SPRING		
35	3A		G01-2570-08	TENSION SPRING		
36	3A		G02-0473-08	FLAT SPRING		
37	3A		D10-2645-08	LEVER		
38	3A		D10-2671-08	LEVER		
39	3A		G10-1012-08	FELT		
40	3A		D03-0305-08	REEL DISK		
41	2B		N14-0701-08	NUT		
43	2B		N30-2004-46	SCREW (M2X4)		
44	2B		G01-2573-08	TORSION SPRING		
45	2B		G01-2571-08	TENSION SPRING		
51	2A		D10-2672-08	LEVER (EJECT)		
52	2A		G01-2216-08	TENSION SPRING		
53	2A		D10-2673-08	ACTION ARM		
54	2A		G01-2217-08	TENSION SPRING		
60	1A, 1B		J19-4387-08	HOLDER		
61	1A		J19-4380-08	HOLDER		
63	1A		G01-2212-08	TENSION SPRING		
64	1A		D10-2130-08	LEVER (INV)		
65	1A		J90-0610-08	CASSETTE GUIDE		
66	1A		G01-2225-08	TORSION SPRING		

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Ref. No. 参照番号	Address 位置	New Parts 新	Parts No. 部品番号	Description 部品名／規格	Desti-nation 仕向	Re-marks 備考
67	1A		G09-0093-08	SPRING		
68	1A		J19-2990-08	HOLDER		
69	1A		N39-2004-08	SCREW (M2X4)		
70	1A		G11-1308-08	CUSHION		
71	1B	*	J21-7264-08	MOUNTING HARDWARE		
72	1B		D10-2674-08	LEVER (RELEASE)		
73	1B		G01-2574-08	TORSION SPRING		
74	1B		G01-2556-08	TENSION SPRING		
77	1B		N39-1706-45	SCREW (M1.7X6)		
78	1B		D10-2675-08	LEVER (REW)		
79	1B		D10-2676-08	LEVER (FF)		
81	1B		G01-2572-08	TENSION SPRING		
83	1B		N09-4039-08	SCREW		
84	2B		D10-2677-08	LEVER (SW)		
85	2B		J74-0040-08	PRINTED WIRING BOARD		
86	2B		J84-0009-08	PRINTED WIRING BOARD (FPC)		
92	2A		N39-2002-46	SCREW (M2X2)		
101	2A		J21-7205-08	MOUNTING HARDWARE		
102	2A		D10-2664-08	LEVER		
103	2A		G01-2567-08	TENSION SPRING		
108	2A	*	J74-0111-08	PRINTED WIRING BOARD		
109	2A		N30-2003-08	SCREW (M2X3)		
112	3A,3B		D16-0605-08	BELT		
121	1A		D10-2658-08	ARM		
122	1A		D10-2678-08	LEVER		
123	1A		J12-0647-08	PIN		
124	1A		G01-2562-08	TORSION SPRING		
125	2B		J90-0722-08	CASSETTE GUIDE		
126	2B		N09-4009-08	SCREW (M2X5)		
127	1B		N35-2006-46	SCREW (M2.6X6)		
152	2A,2B		N90-2003-46	SCREW (M2X3)		
153	3A		N30-2603-46	SCREW (M2.6X3)		
161	3A,3B		N19-1144-08	FLAT WASHER		
162	2B,3A		N19-1134-08	FLAT WASHER		
163	2B		N19-1135-08	FLAT WASHER		
164	3A,3B		N19-1137-08	FLAT WASHER		
181	2A	*	E40-9127-05	PIN CONNECTOR		
182	2B		J19-4389-08	HOLDER		
HD1	2B		T31-0205-08	PLAYBACK HEAD		
M1	2A		T42-0716-08	DC MOTOR ASSY		
S1	2A		S31-3633-08	SLIDE SWITCH		
S2	2B		S31-3634-08	SLIDE SWITCH		
S3	1B		S46-1606-08	LEAF SWITCH		
S4	1B		S46-1607-08	LEAF SWITCH		

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KRC-530

SPECIFICATIONS

Specifications subject to change without notice.

FM Tuner Section

Frequency Range (200kHz space)	87.9MHz – 107.9MHz
(50kHz space)	87.5MHz – 108.0MHz
Usable Sensitivity	12.0dBf (1.1 μV/75ohms)
50dB Quieting Sensitivity	15.2dBf (1.6 μV/75ohms)
Frequency Response (± 3dB)	30Hz – 15kHz
Signal to Noise Ratio	73dB
Selectivity	100dB
Capture Ratio	1.5dB
Image Response Ratio	70dB
IF Response Ratio	120dB
Stereo Separation (1kHz)	40dB

AM Tuner Section

Frequency Range (10kHz space)	530kHz – 1700kHz
(9kHz space)	531kHz – 1611kHz
Usable Sensitivity	28dB (30 μV)

Cassette Desk Section

Tape Speed	4.76cm/sec.
Wow & Flutter (WRMS)	0.12% (WRMS)
Fast Winding Time (C – 60)	100sec.
Frequency Response (120 μs)	30Hz – 14kHz (± 3dB)
(70 μs)	30Hz – 16kHz (± 3dB)
Stereo Separation (1kHz)	43dB
Signal to Noise Ratio	54dB

Audio Section

Maximum Output Power	25W + 25W
Power Output (10% THD, 1kHz, 4ohms)	20W + 20W
(1% THD, 30Hz – 20kHz, 4ohms)	15W + 15W
Tone Action	Bass : 100Hz ± 10dB Treble : 10kHz ± 10dB
Preout level/load	1000mV (max.) / 10kohms

General

Operating Voltage	14.4V (11 – 16V allowable)
Current Consumption	6A at Rated Power
Installation size (W × H × D)	182 × 52 × 159 mm (7 – 1/6 × 2 × 6 – 1/4 in.)
Weight	2.0kg (4.4lb)

KENWOOD follows a policy of continuous advancements in development.
For this reason specifications may be changed without notice.
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Noise reduction circuit made under license from Dolby Laboratories Licensing Corporation.

KENWOOD poursuit une politique de progrès constants en ce qui concerne le dévelopment.
Pour cette raison, les spécifications sont sujettes à modifications sans préavis.
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Le système de réduction du bruit de fond est fabriqué sous license des Dolby Laboratories.

KENWOOD strebt ständige Verbesserungen in der Entwicklung an.
Daher bleiben Änderungen der technischen Daten jederzeit vorbehalten.
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Dolby-Rauschnterdrückung mit Lizenz der Dolby Laboratories gefertigt.

Note :
Component and circuitry are subject to modification to insure best operation under differing local conditions. This manual is based on, the U.S.A. (K) standard, and provides information on regional circuit modification through use of alternate schematic diagrams, and information on regional component variations through use of parts list.

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